



QOTOM TECHNOLOGY LIMITED

intel
partner
alliance

2024
Mini PC
Catalogues

Qotom[®]
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Catalogues

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Multi-Serial Port Series

NO.	Series	Code Name	Default CPU	Page NO.	LAN Ports	Serial Ports	5G	Remark
1	Q190X	Bay Trail	J1900	4	2	7		
2	Q190P	Bay Trail	J1900	8	2	4		
3	Q177P	Braswell	J3710	11	2	4		
4	Q730P	Gemini Lake Gemini Lake-R	J4105	13	2	4		
5	Q10722X	Jasper Lake	N5105	17	2	6	Yes	New
6	Q790X	Elkhart Lake	J6412	20	2	6	Yes	
7	Q10922X	Alder Lake-N	N100	24	2	6	Yes	New
8	Q335P	Haswell Broadwell	5005U	28	2	6		
9	Q435P	Haswell Broadwell	5005U	30	2	4		
10	Q30531P	Haswell Broadwell	5005U	32	2	4		
11	Q535P	Skylake Kaby Lake	7100U	34	2	4		
12	Q30651X	Skylake Kaby Lake Kaby Lake-R	6200U	36	2	6		
13	Q1012X	Whiskey Lake Coffee Lake Comet Lake	4305U	39	2	6		
14	Q30912P	Whiskey Lake Coffee Lake Comet Lake	4305U	42	2	4	Yes	
15	Q31231X	Alder Lake-P	1215U	44	2	6	Yes	New
16	Q600P	Skylake-S Kaby Lake-S	H110	48	2	4		
17	Q71200X	Alder Lake-S Raptor Lake-S	H610	50	2	6	Yes	New



Q190X S04

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 7 x RS-232
- 1 x USB 3.0, 7 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
LED	1 x HDD LED
Serial Port	3 x RS-232 (COM1 Supports 5V/12V)
USB	6 x USB 2.0
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232 (COM2/COM3 Support 5V/12V)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.88kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux



Q190XP S04

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 7 x RS-232, 2 x PS/2
- 1 x USB 3.0, 7 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	3 x RS-232 (COM1 Supports 5V/12V)
USB	6 x USB 2.0
PS/2	2, Mouse and Keyboard

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232 (COM2/COM3 Support 5V/12V)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.88kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Q190XL S04

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 7 x RS-232, 1 x LPT
- 1 x USB 3.0, 7 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	3 x RS-232 (COM1 Supports 5V/12V)
USB	6 x USB 2.0
LPT	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232 (COM2/COM3 Support 5V/12V)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.90kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Ordering and Specifications Information

Quick Order Model: Q190X-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	PS/2	LPT
Q190X	S04	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics		
Q192X	S04	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.0Ghz	2M	Intel HD Graphics		
Q180X	S04	Bay trail	Celeron	J1800	2	2	2.41Ghz	2.58Ghz	1M	Intel HD Graphics		
Q190XP	S04	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics	2	
Q192XP	S04	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.0Ghz	2M	Intel HD Graphics	2	
Q180XP	S04	Bay trail	Celeron	J1800	2	2	2.41Ghz	2.58Ghz	1M	Intel HD Graphics	2	
Q190XL	S04	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics		1
Q192XL	S04	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.0Ghz	2M	Intel HD Graphics		1
Q180XL	S04	Bay trail	Celeron	J1800	2	2	2.41Ghz	2.58Ghz	1M	Intel HD Graphics		1

Custom Options

Category	Description
GPIO	1
PS/2	2
LPT	1
USB 2.0	1



Q190P S02

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 4 x RS-232
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	3 x RS-232 (COM2, COM3, COM4)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 127 x 46mm
Weight	0.75kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fanless Design

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Q190P S08

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 4 x RS-232
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	3 x RS-232 (COM2, COM3, COM4)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.90kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Ordering and Specifications Information

Quick Order Model: Q190P-S02

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q180P	S02	Bay trail	Celeron	J1800	2	2	2.41Ghz	2.58Ghz	1M	Intel HD Graphics
Q190P	S02	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics
Q192P	S02	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.0Ghz	2M	Intel HD Graphics
Q193P	S02	Bay trail	Celeron	N2930	4	4	1.83Ghz	2.16Ghz	2M	Intel HD Graphics
Q195P	S02	Bay trail	Pentium	N3540	4	4	2.16Ghz	2.66Ghz	2M	Intel HD Graphics

PC Case Options

Category	SATA Support
S02	Yes
S08	Yes

Custom Options

Category	Description
USB 2.0	2

Q177P S08

Qotom Mini PC

Main Features

- Intel Pentium J3710 Braswell Processor
- Intel HD Graphics
- 1 x Display Port, 2 x HDMI, 4 x RS-232
- 4 x USB 3.0, 2 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA, 1 x M.2
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Braswell Processor Default Pentium J3710 Quad Cores Processor 1.6GHz, up to 2.64GHz, 2M Cache
CPU TDP	6W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 (COM1)
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI
Video Output	1 x Display Port
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 (Mic-in, Line-out)
Serial Port	3 x RS-232 (COM3/COM4 Support 5V/12V)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7 x64, Windows 8, Windows 10, Linux
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2 Slot	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.93kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q177P-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	SATA Support
Q161P	S08	Braswell	Celeron	N3060	2	2	1.6Ghz	2.48Ghz	2M	Intel HD Graphics	Yes
Q160P	S08	Braswell	Celeron	N3160	4	4	1.6Ghz	2.24Ghz	2M	Intel HD Graphics	Yes
Q177P	S08	Braswell	Pentium	J3710	4	4	1.6Ghz	2.64Ghz	2M	Intel HD Graphics	Yes

Custom Options

Category	Description
GPIO	1

Q730P S08

Qotom Mini PC



Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI, 1 x Display Port
- 4 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	4 x RS-232 -COM3/4 can be set up as RS-485 -Pin 9 Factory Setting Supports 5V/12V)
USB	2 x USB2.0, 2 x USB3.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 10, Linux
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q730PV s08

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI, 1 x Display Port
- 1 x VGA, 4 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	4 x RS-232 -COM3/4 can be set up as RS-485 -Pin 9 Factory Setting Supports 5V/12V)
USB	2 x USB2.0, 2 x USB3.0
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port, 1 x VGA
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.87kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q730PVG S08

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI, 1 x Display Port
- 1 x VGA, 4 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 2 x Realtek Gigabit LAN



Specifications

Processor System

CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	4 x RS-232 -COM3/4 can be set up as RS-485 -Pin 9 Factory Setting Supports 5V/12V)
USB	2 x USB2.0, 2 x USB3.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port, 1 x VGA
USB	2 x USB 3.0
GPIO	4 DIs/4DOs
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 10, Linux
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.87kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q730P-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	SATA Support
Q720P	S08	Gemini Lake	Celeron	N4000	2	2	1.1GHz	2.6GHz	4M	Intel UHD Graphics 600	Yes
Q730P	S08	Gemini Lake	Celeron	J4105	4	4	1.5GHz	2.5GHz	4M	Intel UHD Graphics 600	Yes
Q740P	S08	Gemini Lake Refresh	Celeron	N4020	2	2	1.1GHz	2.8GHz	4M	Intel UHD Graphics 600	Yes
Q750P	S08	Gemini Lake Refresh	Celeron	J4125	4	4	2.0GHz	2.7GHz	4M	Intel UHD Graphics 600	Yes

Custom Options

Category	Description
GPIO	1
USB 2.0	3
VGA	1
RS-485	2



Q10722X S08

Qotom Mini PC

Main Features

- Intel Celeron N5105 Jasper Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x Display Port
- 5 x RS-232
- 2 x USB 3.0, 4 x USB 2.0, 1 x Type C
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Jasper Lake Processor Default Celeron N5105 Quad Cores Processor 2.0GHz, up to 2.9GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	5 x RS-232 (COM1/2 can be set up as RS-485) (COM1-5 support 5V/12V, Requires Customization)
USB	2 x USB3.0, 1 x Type C (USB 3.0)

Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
USB	4 x USB 2.0
LAN	2 x Realtek Gigabit LAN
Audio	1 (Mic-in, Line-out)
PS/2	0
Serial Port	0

Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)

OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	0
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.87kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q10722XV S08

Qotom Mini PC

Main Features

- Intel Celeron N5105 Jasper Lake Processor
- Intel UHD Graphics
- 1 x VGA, 1 x HDMI, 1 x Display Port
- 6 x RS-232, 1 x PS2
- 2 x USB 3.0, 4 x USB 2.0, 1 x Type C
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Jasper Lake Processor Default Celeron N5105 Quad Cores Processor 2.0GHz, up to 2.9GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	5 x RS-232 (COM1/2 can be set up as RS-485) (COM1-6 support 5V/12V, Requires Customization)
USB	2 x USB3.0, 1 x Type C (USB 3.0)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port, 1 x VGA
USB	4 x USB 2.0
LAN	2 x Realtek Gigabit LAN
Audio	1 (Mic-in, Line-out)
PS/2	1 x PS/2 (Mouse or Keyboard)
Serial Port	1 x RS-232
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	0
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.87kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q10722X-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q10711X	S08	Jasper Lake	Celeron	N4500	2	2	1.1GHz	2.8GHz	4M	Intel UHD Graphics
Q10712X	S08	Jasper Lake	Celeron	N4505	2	2	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10721X	S08	Jasper Lake	Celeron	N5100	4	4	1.1GHz	2.8GHz	4M	Intel UHD Graphics
Q10722X	S08	Jasper Lake	Celeron	N5105	4	4	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10723X	S08	Jasper Lake	Celeron	N5095	4	4	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10731X	S08	Jasper Lake	Pentium	N6000	4	4	1.1GHz	3.0GHz	4M	Intel UHD Graphics
Q10732X	S08	Jasper Lake	Pentium	N6005	4	4	2.0GHz	3.3GHz	4M	Intel UHD Graphics

Custom Options

Category	Description



Q790X S04

Qotom Mini PC

Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI
- 2 x USB 3.0, 6 x USB 2.0, 6 x RS-232
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0Ghz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
PS/2	0
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
Phoenix	1 x 2Pin
Display	1 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	4 x USB 2.0
Serial Port	4 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.83kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q790XV S04

Qotom Mini PC

Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x VGA
- 2 x USB 3.0, 6 x USB 2.0, 5 x RS-232
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0Ghz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
PS/2	0
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
Phoenix	1 x 2Pin
Display	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	4 x USB 2.0
Serial Port	3 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.83kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q790XP S04

Qotom Mini PC

Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI
- 2 x USB 3.0, 6 x USB 2.0, 6 x RS-232
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0Ghz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
PS/2	2
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
Phoenix	1 x 2Pin
Display	1 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	4 x USB 2.0
Serial Port	4 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	1
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.84kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q790XPGV S04

Qotom Mini PC

Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x VGA
- 2 x USB 3.0, 6 x USB 2.0, 5 x RS-232
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0GHz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	4 Dis/4DOs
PS/2	2
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
Phoenix	1 x 2Pin
Display	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	4 x USB 2.0
Serial Port	3 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q790X-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	PS/2	LPT
Q780X	S04	Elkhart Lake	Celeron	N6210	2	2	1.20Ghz	2.6Ghz	1.5M	Intel UHD Graphics		
Q790X	S04	Elkhart Lake	Celeron	J6412	4	4	2.00Ghz	2.60Ghz	1.5M	Intel UHD Graphics		
Q780XP	S04	Elkhart Lake	Celeron	N6210	2	2	1.20Ghz	2.6Ghz	1.5M	Intel UHD Graphics	2	
Q790XP	S04	Elkhart Lake	Celeron	J6412	4	4	2.00Ghz	2.60Ghz	1.5M	Intel UHD Graphics	2	
Q780XPG	S04	Elkhart Lake	Celeron	N6210	2	2	1.20Ghz	2.6Ghz	1.5M	Intel UHD Graphics	2	1
Q790XPG	S04	Elkhart Lake	Celeron	J6412	4	4	2.00Ghz	2.60Ghz	1.5M	Intel UHD Graphics	2	1

Custom Options

Category	Description
VGA	1
GPIO	1
PS/2	2
LPT	1
Serial Port	COM3-COM6 Support 5V/12V



Q10922X S04

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 2 x HDMI
- 2 x USB 3.0, 6 x USB 2.0, 6 x RS-232
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor Up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	0
PS/2	0
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
LAN	2 x Realtek 2.5 Gigabit LAN
USB	4 x USB 2.0
Display	2 x HDMI
Serial Port	4 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q10922XV S04

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 2 x HDMI, 1 x VGA
- 2 x USB 3.0, 6 x USB 2.0, 5 x RS-232
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor Up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	0
PS/2	0
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
LAN	2 x Realtek 2.5 Gigabit LAN
USB	4 x USB 2.0
Display	2 x HDMI, 1 x VGA
Serial Port	3 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q10922XP S04

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 2 x HDMI
- 2 x USB 3.0, 6 x USB 2.0, 6 x RS-232
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor Up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	0
PS/2	2
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
LAN	2 x Realtek 2.5 Gigabit LAN
USB	4 x USB 2.0
Display	2 x HDMI
Serial Port	4 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q10922XPGV S04

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 2 x HDMI, 1 x VGA
- 2 x USB 3.0, 6 x USB 2.0, 5 x RS-232
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor Up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	4 Dis/4DOs
PS/2	2
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
LAN	2 x Realtek 2.5 Gigabit LAN
USB	4 x USB 2.0
Display	2 x HDMI, 1 x VGA
Serial Port	3 x RS-232
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q10922X-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	TDP
Q10911X	S04	Alder lake-N	-	N50	2	-	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10921X	S04	Alder lake-N	-	N97	4	-	-	3.6GHz	6M	Intel UHD Graphics	12W
Q10922X	S04	Alder lake-N	-	N100	4	4	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10923X	S04	Alder lake-N	-	N200	4	4	-	3.7GHz	6M	Intel UHD Graphics	6W
Q10931X	S04	Alder lake-N	Core i3	N300	8	8	-	3.8GHz	6M	Intel UHD Graphics	7W
Q10932X	S04	Alder lake-N	Core i3	N305	8	8	-	3.8GHz	6M	Intel UHD Graphics	15W

Custom Options

Category	VGA	RS-232	PS/2	GPIO
Q10922X	-	6	-	-
Q10922XV	1	5	-	-
Q10922XP	-	6	2	-
Q10922XPV	1	5	2	-
Q10922XPG	-	6	2	1
Q10922XPGV	1	5	2	1

Q335P S05

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 2 x HDMI, 6 x RS-232, 1 x RS-485
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Intel I211-AT/I210-AT Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	2 x RS-232 (COM5, COM6)
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Intel I211-AT/I210-AT Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232 (COM1, COM2, COM3, COM4)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	1, 2 x 5Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	COM2 can be set up as RS-485 (Factory Setting)
VGA	COM3 can be set up as VGA (Factory Setting)
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	187 x 111 x 49mm
Weight	1.09kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q335P-S05

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q301P	S05	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q330P	S05	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q350P	S05	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q370P	S05	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q330PY	S05	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q350PY	S05	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q305P	S05	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q310P	S05	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q320P	S05	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q335P	S05	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q355P	S05	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q375P	S05	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

Custom Options

Category	Description
USB 2.0	4
GPIO	1
VGA	1
RS-485	1
SATA	1 (Only for Core i5/i7)
Serial Port	COM2 Supports 5V/12V

Q435P S08

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 2 x HDMI, 4 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 2 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	1 x RS-232
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	3 x RS-232
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Mini PCIe, Full-length for SSD
Mini PCIe	1 x Mini PCIe, Half-length for Wi-Fi
Mini PCIe	1 x Mini PCIe, Full-length for 4G
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.95kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q435P-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q401P	S08	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q430P	S08	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q450P	S08	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q470P	S08	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q430PY	S08	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q450PY	S08	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q405P	S08	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q410P	S08	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q420P	S08	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q435P	S08	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q455P	S08	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q475P	S08	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

Custom Options

Category	Description
USB 2.0	3
GPIO	1
LVDS	1



Q30531P S08

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 2 x HDMI, 4 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x M.2, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	1 x RS-232

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	3 x RS-232

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Expansion

mSATA	1 x Mini PCIe, Full-length for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.95kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q30531P-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30411P	S08	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q30431P	S08	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q30451P	S08	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q30471P	S08	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q30432P	S08	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q30452P	S08	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q30511P	S08	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q30512P	S08	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q30521P	S08	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q30531P	S08	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q30551P	S08	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q30571P	S08	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

Custom Options

Category	Description
USB 2.0	3
GPIO	1
LVDS	1



Q535P S02

Qotom Mini PC

Main Features

- Intel Core i3-7100U KabyLake Processor
- Intel HD Graphics 620
- 2 x HDMI, 4 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 2 x M.2 Slot
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 7 th Gen Kaby lake Processor Default Core i3-7100U Dual Cores Processor 2.4GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 (COM1)
USB	2 x USB 3.0, 2 x USB 2.0
Audio	0
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	3 x RS-232 (COM2, COM3, COM4)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 Slot for SSD (M key, Type: 2280)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	0
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	134 x 127 x 46mm
Weight	0.72kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	With Fan
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6th Gen Skylake)

Ordering and Specifications Information

Quick Order Model: Q535P-S02

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q510P	S02	Skylake	Celeron	3855U	2	2	1.6GHz	/	2M	Intel HD 510
Q520P	S02	Skylake	Celeron	3955U	2	2	2.0GHz	/	2M	Intel HD 510
Q530P	S02	Skylake	Core i3	6100U	2	4	2.3GHz	/	3M	Intel HD 520
Q550P	S02	Skylake	Core i5	6200U	2	4	2.3GHz	2.8GHz	3M	Intel HD 520
Q570P	S02	Skylake	Core i7	6500U	2	4	2.5GHz	3.1GHz	4M	Intel HD 520
Q515P	S02	Kaby Lake	Celeron	3865U	2	2	1.8GHz	/	2M	Intel HD 610
Q525P	S02	Kaby Lake	Celeron	3965U	2	2	2.2GHz	/	2M	Intel HD 610
Q535P	S02	Kaby Lake	Core i3	7100U	2	4	2.4GHz	/	3M	Intel HD 620
Q555P	S02	Kaby Lake	Core i5	7200U	2	4	2.5GHz	3.1GHz	3M	Intel HD 620
Q575P	S02	Kaby Lake	Core i7	7500U	2	4	2.7GHz	3.5GHz	4M	Intel HD 620

Custom Options

Category	Description
USB 2.0	3
GPIO	1
VGA	1
TPM 2.0	1

Q30651X s10

Qotom Mini PC

Main Features

- Intel Core i5-6200U Skylake Processor
- Intel HD Graphics 520
- 1 x VGA, 2 x HDMI, 6 x RS-232 (2 x RS-485)
- 4 x USB 3.0, 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 2 x M.2
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 6 th Gen Skylake Processor Default Core i5-6200U Dual Cores Processor 2.3GHz, up to 2.8GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 520
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Serial Port	1 x RS-232

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	5 x RS-232

Storage

Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
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OS Support

OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)
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Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	COM3/COM4 support 5V/12V
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2, COM3/4 can be set up as RS-485

Power Requirement

Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.35kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30651X S20

Qotom Mini PC

Main Features

- Intel Core i5-6200U Skylake Processor
- Intel HD Graphics 520
- 1 x VGA, 2 x HDMI, 6 x RS-232 (2 x RS-485)
- 4 x USB 3.0, 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 2 x M.2
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 6 th Gen Skylake Processor Default Core i5-6200U Dual Cores Processor 2.3GHz, up to 2.8GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 520
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Serial Port	1 x RS-232
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	5 x RS-232
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	COM3/COM4 support 5V/12V
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2, COM3/4 can be set up as RS-485

Power Requirement	
Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.35kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q30651X-S10

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30611X	S10	Skylake	Celeron	3855U	2	2	1.6GHz	/	2M	Intel HD 510
Q30612X	S10	Skylake	Celeron	3955U	2	2	2.0GHz	/	2M	Intel HD 510
Q30631X	S10	Skylake	Core i3	6100U	2	4	2.3GHz	/	3M	Intel HD 520
Q30651X	S10	Skylake	Core i5	6200U	2	4	2.3GHz	2.8GHz	3M	Intel HD 520
Q30671X	S10	Skylake	Core i7	6500U	2	4	2.5GHz	3.1GHz	4M	Intel HD 520
Q30711X	S10	Kaby Lake	Celeron	3865U	2	2	1.8GHz	/	2M	Intel HD 610
Q30712X	S10	Kaby Lake	Celeron	3965U	2	2	2.2GHz	/	2M	Intel HD 610
Q30731X	S10	Kaby Lake	Core i3	7100U	2	4	2.4GHz	/	3M	Intel HD 620
Q30751X	S10	Kaby Lake	Core i5	7200U	2	4	2.5GHz	3.1GHz	3M	Intel HD 620
Q30771X	S10	Kaby Lake	Core i7	7500U	2	4	2.7GHz	3.5GHz	4M	Intel HD 620
Q30811X	S10	Kaby Lake R	Celeron	3867U	2	2	1.8GHz	/	2M	Intel HD 610
Q30821X	S10	Kaby Lake R	Pentium	4417U	2	2	2.3GHz	/	2M	Intel HD 610
Q30831X	S10	Kaby Lake R	Core i3	8130U	2	4	2.0GHz	3.40GHz	4M	Intel UHD 620
Q30851X	S10	Kaby Lake R	Core i5	8250U	4	8	1.6GHz	3.4GHz	6M	Intel UHD 620
Q30871X	S10	Kaby Lake R	Core i7	8550U	4	8	1.8GHz	4.0GHz	8M	Intel UHD 620

Custom Options

Category	Description
USB 2.0	1
GPIO	1
RS-485	2
SATA	1 (Only for Corei5/i7)
TPM 2.0	1

PC Case Options

Category	SATA Support
S10	Yes
S20	Yes



Q1012X S10

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI, 1 x VGA
- 4 x USB 3.0, 4 x USB 2.0
- 2 x M.2, 1 x Mini PCIe, 1 x SATA 3.0
- 6 x RS-232, 1 x PS/2
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0 (Not for 5405U)
Serial Port	6 x RS-232 (COM1/2 can be set up as RS-485, Support 5V/12V)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI, 1 x VGA
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	4 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
PS/2	1 x PS/2 (Mouse or Keyboard)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux

Expansion	
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.40kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q1012X S20

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI, 1 x VGA
- 4 x USB 3.0, 4 x USB 2.0
- 2 x M.2, 1 x Mini PCIe, 1 x SATA 3.0
- 6 x RS-232, 1 x PS/2
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0 (Not for 5405U)
Serial Port	6 x RS-232 (COM1/2 can be set up as RS-485, Support 5V/12V)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI, 1 x VGA
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	4 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
PS/2	1 x PS/2 (Mouse or Keyboard)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux

Expansion	
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.40kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q1012X-S10

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q1012X	S10	Whiskey Lake	Celeron	4305U	2	2	2.2GHz	/	2M	Intel UHD Graphics
Q1020X	S10	Whiskey Lake	Pentium	5405U	2	4	2.3GHz	/	2M	Intel UHD Graphics
Q1030X	S10	Whiskey Lake	Core i3	8145U	2	4	2.1GHz	3.9GHz	4M	Intel UHD Graphics
Q1051X	S10	Whiskey Lake	Core i5	8265U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics
Q1070X	S10	Whiskey Lake	Core i7	8565U	4	8	1.8GHz	4.6GHz	8M	Intel UHD Graphics
Q1052X	S10	Coffee Lake	Core i5	8260U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics 620
Q1015X	S10	Comet Lake	Celeron	5205U	2	2	1.9GHz	/	2M	Intel UHD Graphics
Q1016X	S10	Comet Lake	Celeron	5305U	2	2	2.3GHz	/	2M	Intel UHD Graphics
Q1025X	S10	Comet Lake	Pentium	6405U	2	4	2.4GHz	/	2M	Intel UHD Graphics
Q1035X	S10	Comet Lake	Core i3	10110U	2	4	2.1GHz	4.1GHz	4M	Intel UHD Graphics
Q1055X	S10	Comet Lake	Core i5	10210U	4	8	1.6GHz	4.2GHz	6M	Intel UHD Graphics
Q1075X	S10	Comet Lake	Core i7	10610U	4	8	1.8GHz	4.9GHz	8M	Intel UHD Graphics
Q1076X	S10	Comet Lake	Core i7	10810U	6	12	1.1GHz	4.9GHz	12M	Intel UHD Graphics
Q1077X	S10	Comet Lake	Core i7	10710U	6	12	1.1GHz	4.7GHz	12M	Intel UHD Graphics

Custom Options

Category	Description
GPIO	1
RS-485	2

PC Case Options

Category	SATA Support
S10	Yes
S20	Yes



Q30912P S08

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 4 x RS-232
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	4 x RS-232
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Video Output	1 x VGA (Option)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux

Expansion	
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 4205U, 5405U, 5205U, 5305U don't support 5G
	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	0
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	0
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.86kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q30912P-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30912P	S08	Whiskey Lake	Celeron	4305U	2	2	2.2GHz	/	2M	Intel UHD Graphics
Q30921P	S08	Whiskey Lake	Pentium	5405U	2	4	2.3GHz	/	2M	Intel UHD Graphics
Q30931P	S08	Whiskey Lake	Core i3	8145U	2	4	2.1GHz	3.9GHz	4M	Intel UHD Graphics
Q30951P	S08	Whiskey Lake	Core i5	8265U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics
Q30971P	S08	Whiskey Lake	Core i7	8565U	4	8	1.8GHz	4.6GHz	8M	Intel UHD Graphics
Q30952P	S08	Coffee Lake	Core i5	8260U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics 620
Q31011P	S08	Comet Lake	Celeron	5205U	2	2	1.9GHz	/	2M	Intel UHD Graphics
Q31012P	S08	Comet Lake	Celeron	5305U	2	2	2.3GHz	/	2M	Intel UHD Graphics
Q31021P	S08	Comet Lake	Pentium	6405U	2	4	2.4GHz	/	2M	Intel UHD Graphics
Q31031P	S08	Comet Lake	Core i3	10110U	2	4	2.1GHz	4.1GHz	4M	Intel UHD Graphics
Q31051P	S08	Comet Lake	Core i5	10210U	4	8	1.6GHz	4.2GHz	6M	Intel UHD Graphics
Q31071P	S08	Comet Lake	Core i7	10610U	4	8	1.8GHz	4.9GHz	8M	Intel UHD Graphics
Q31072P	S08	Comet Lake	Core i7	10810U	6	12	1.1GHz	4.9GHz	12M	Intel UHD Graphics
Q31073P	S08	Comet Lake	Core i7	10710U	6	12	1.1GHz	4.7GHz	12M	Intel UHD Graphics

Custom Options

Category	Description
VGA	1
USB 2.0	1
GPIO	1
TPM 2.0	1 (SLB9665)



Q31231X S10

Qotom Mini PC

Main Features

- Intel Core i3-1215U Alder Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 2 x HDMI, 1 x VGA
- 3 x USB 3.0, 5 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 6 x RS-232
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 12 th Gen Alder Lake Processor Default Core i3-1215U 6 Cores Processor 1.20 GHz, up to 4.40 GHz, 10M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 3200MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	1 x USB 3.0, 3 x USB 2.0
Serial Port	2 x RS-232 (COM1/2 Support 5V/12V)
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 2 x HDMI, 1 x VGA
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	2 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
SIM Card Slot	1
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.54mm
CMOS Clear Jumper	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2 x RS-232 (COM1/2 can be set up RS-485)
DC-in	0
Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.42kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q31231X S20

Qotom Mini PC

Main Features

- Intel Core i3-1215U Alder Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 2 x HDMI, 1 x VGA
- 3 x USB 3.0, 5 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 6 x RS-232
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 12 th Gen Alder Lake Processor Default Core i3-1215U 6 Cores Processor 1.20 GHz, up to 4.40 GHz, 10M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 3200MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	1 x USB 3.0, 3 x USB 2.0
Serial Port	2 x RS-232 (COM1/2 Support 5V/12V)
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 2 x HDMI, 1 x VGA
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	2 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
SIM Card Slot	1
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.54mm
CMOS Clear Jumper	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2 x RS-232 (COM1/2 can be set up RS-485)
DC-in	0
Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.42kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q31231X-S10

Ordering Code	Q31211X	Q31221X	Q31231X	Q31251X	Q31271X
Case	S10	S10	S10	S10	S10
Code Name	Alder Lake U	Alder Lake U	Alder Lake U	Alder Lake U	Alder Lake U
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number	7305	8505	1215U	1235U	1255U
Total Cores	5	5	6	10	10
# of Performance-cores	1	1	2	2	2
# of Efficient-cores	4	4	4	8	8
# of Threads	5	6	8	12	12
Max Turbo Frequency	-	4.40 GHz	4.40 GHz	4.40 GHz	4.70 GHz
Performance-core Base Frequency	1.10 GHz	1.20 GHz	1.20 GHz	1.30 GHz	1.70 GHz
Performance-core Max Turbo Frequency	-	4.40 GHz	4.40 GHz	4.40 GHz	4.70 GHz
Efficient-core Base Frequency	0.9 GHz	0.9 GHz	0.9 GHz	0.9 GHz	1.20 GHz
Efficient-core Max Turbo Frequency	-	3.30 GHz	3.30 GHz	3.30 GHz	3.50 GHz
Cache	8M	8M	10M	12M	12M
Processor Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Ordering Code	Q41231X	Q41251X	Q41271X
Case	S10	S10	S10
Code Name	Alder Lake P	Alder Lake P	Alder Lake P
Processor Type	Core i3	Core i5	Core i7
Processor Number	1220P	1240P	1260P
Total Cores	10	12	12
# of Performance-cores	2	4	4
# of Efficient-cores	8	8	8
# of Threads	12	16	16
Max Turbo Frequency	4.40 GHz	4.40 GHz	4.70 GHz
Performance-core Base Frequency	1.50 GHz	1.70 GHz	2.10 GHz
Performance-core Max Turbo Frequency	4.40 GHz	4.40 GHz	4.70 GHz
Efficient-core Base Frequency	1.10 GHz	1.20 GHz	1.50 GHz
Efficient-core Max Turbo Frequency	3.30 GHz	3.30 GHz	3.40 GHz
Cache	12M	12M	18M
Processor Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Ordering and Specifications Information

Quick Order Model: Q31231X-S10

Ordering Code	Q51251X	Q51271X	Q51291X
Case	S10	S10	S10
Code Name	Alder Lake H	Alder Lake H	Alder Lake H
Processor Type	Core i5	Core i7	Core i9
Processor Number	12450H	12650H	12900H
Total Cores	8	10	14
# of Performance-cores	4	6	6
# of Efficient-cores	4	4	8
# of Threads	12	16	20
Max Turbo Frequency	4.40 GHz	4.70 GHz	5.00 GHz
Performance-core Base Frequency	2.00 GHz	2.30 GHz	2.50 GHz
Performance-core Max Turbo Frequency	4.40 GHz	4.70 GHz	5.00 GHz
Efficient-core Base Frequency	1.50 GHz	1.70 GHz	1.80 GHz
Efficient-core Max Turbo Frequency	3.30 GHz	3.50 GHz	3.80 GHz
Cache	12M	24M	24M
Processor Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Custom Options

Category	Description
GPI0	1
RS-485	2
PS2	2
TPM 2.0	1 (Z32H330TC)

PC Case Options

Category	SATA Support
S10	Yes
S20	Yes



Q600P S09

Qotom Mini PC

Main Features

- Supports Intel 7th & 6th Gen Processor (LGA1151) with Intel H110 Chipset
- 2 x DDR4 2133 MHz SO-DIMM up to 32GB
- Intel HD Graphics
- 2 x HDMI, 1 x VGA
- 3 x USB 3.0, 5 x USB 2.0, 2 x M.2, 1 x SATA 3.0
- 2 x Intel I211-AT/I210-AT Gigabit LAN
- S09 computer case, either Silver or Grey color

Specifications

Processor System	
CPU	Intel 6 th Gen Skylake-S LGA1151 Processor Intel 7 th Gen Kaby Lake-S LGA1151 Processor Intel 8 th 9 th Gen Coffee Lake-S LGA1151 Processor
CPU TDP	35W/51W/65W
Memory	2 x DDR4 SO-DIMM Socket (Up to 32G, 2133MHz)
Chipset	Intel H110
Graphics	Intel HD Graphics (By CPU)
LAN Chipset	2 x Intel I211-AT/I210-AT Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
USB	2 x USB 3.0
LED	1 x Power LED, 1 x HDD LED
Audio	1 x Mic-in, 1 x Line-out
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Intel I211-AT/I210-AT Gigabit LAN
USB	1 x USB 2.0, 5 x USB 2.0
Serial Port	4 x RS-232 (COM1/COM2 Support 5V/12V)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2 x RS-232 (COM1/2 can be set up as RS-485)
Power Requirement	
Power Adapter	12V5A/12V7A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	164 x 164 x 61mm
Weight	1.23kg
Mounting	No
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q650P-S09

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q610P	S09	Skylake	Celeron	G3900	2	2	2.8GHz	/	2M	Intel HD 510
Q620P	S09	Skylake	Pentium	G4500	2	2	3.5GHz	/	3M	Intel HD 530
Q630P	S09	Skylake	Core i3	6100	2	4	3.7GHz	/	3M	Intel HD 530
Q650P	S09	Skylake	Core i5	6400	4	4	2.7GHz	3.3GHz	6M	Intel HD 530
Q615P	S09	Kaby Lake	Celeron	G3930	2	2	2.9GHz	/	2M	Intel HD 610
Q625P	S09	Kaby Lake	Pentium	G4560	2	4	3.5GHz	/	3M	Intel HD 610
Q635P	S09	Kaby Lake	Core i3	7100	2	4	3.9GHz	/	3M	Intel HD 630
Q655P	S09	Kaby Lake	Core i5	7500	4	4	3.4GHz	3.8GHz	6M	Intel HD 630
Q70811P	S09	Coffee Lake	Celeron	G4900	2	2	3.1GHz	/	2M	Intel® UHD Graphics 610
Q70821P	S09	Coffee Lake	Pentium	G5400	2	4	3.7GHz	/	4M	Intel® UHD Graphics 610
Q70831P	S09	Coffee Lake	Core i3	8100	4	4	3.6GHz	/	6M	Intel® UHD Graphics 630
Q70851P	S09	Coffee Lake	Core i5	8400	6	6	2.9GHz	4.1GHz	9M	Intel® UHD Graphics 630
Q70911P	S09	Coffee Lake	Celeron	G4930	2	2	3.2GHz	/	2M	Intel® UHD Graphics 610
Q70921P	S09	Coffee Lake	Pentium	G5420	2	4	3.8GHz	/	4M	Intel® UHD Graphics 610
Q70931P	S09	Coffee Lake	Core i3	9100	4	4	3.6GHz	4.2GHz	6M	Intel® UHD Graphics 630
Q70951P	S09	Coffee Lake	Core i5	9400	6	6	2.9GHz	4.1GHz	9M	Intel® UHD Graphics 630

Custom Options

Category	Description
USB 2.0	2
GPIO	1
RS-485	2
VGA	1
RJ-45	4
TPM 2.0	1

Q71200X S15

Qotom Mini PC

Main Features

- Intel 12th & 13th Gen Processor 65W (LGA1700) with Intel H610 Chipset
- 2 x DDR4 3200 MHz SO-DIMM up to 64GB
- Intel UHD Graphics 730
- 1 x Display Port, 1 x HDMI, 1 x VGA
- 4 x USB 3.0, 4 x USB 2.0, 3 x M.2, 2 x SATA 3.0
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN
- 6 x RS-232

Specifications

Processor System

CPU	Intel 12 th Gen Alder Lake-S LGA1700 Processor Intel 13 th Gen Raptor Lake-S LGA1700 Processor
CPU TDP	65W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G)
Chipset	Intel H610
Graphics	Intel UHD Graphics (By CPU)
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	2 x RS-232
USB	2 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI, 1 x VGA
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	4 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	4 x RS-232

Storage

Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
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OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2 x RS-232 (COM3/4 can be set up as RS-422/RS-485)
Serial Port	COM1-COM6 Support 5V/12V

Power Requirement

Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	200 x 200 x 53mm
Weight	1.6kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 120mm
Kensington Lock	Yes
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q71231X-S15

Ordering Code	Q71211X	Q71221X	Q71231X	Q71251X	Q71271X
Case	S15	S15	S15	S15	S15
Code Name	Alder Lake S	Alder Lake S	Alder Lake S	Alder Lake S	Alder Lake S
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number	G6900	G7400	12100	12400	12700
Total Cores	2	2	4	6	12
# of Performance-cores	2	2	4	6	8
# of Efficient-cores					4
# of Threads	2	4	8	12	20
Max Turbo Frequency			4.30 GHz	4.40 GHz	4.80 GHz
Performance-core Base Frequency	3.40 GHz	3.70 GHz	3.30 GHz	2.50 GHz	2.10 GHz
Performance-core Max Turbo Frequency	-	-	4.30 GHz	4.40 GHz	4.80 GHz
Efficient-core Base Frequency					1.60 GHz
Efficient-core Max Turbo Frequency					3.60 GHz
Cache	4M	6M	12M	18M	25M
Processor Graphics	Intel UHD Graphics 710	Intel UHD Graphics 710	Intel UHD Graphics 730	Intel UHD Graphics 730	Intel UHD Graphics 770

Ordering Code	Q71311X	Q71321X	Q71331X	Q71351X	Q71371X
Case	S15	S15	S15	S15	S15
Code Name	Raptor Lake S	Raptor Lake S	Raptor Lake S	Raptor Lake S	Raptor Lake S
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number			13100	13400	13700
Total Cores			4	10	16
# of Performance-cores			4	6	8
# of Efficient-cores				4	8
# of Threads			8	16	24
Max Turbo Frequency			4.50 GHz	4.60 GHz	5.10 GHz
Performance-core Base Frequency			3.40 GHz	2.50 GHz	2.10 GHz
Performance-core Max Turbo Frequency			4.50 GHz	4.60 GHz	5.10 GHz
Efficient-core Base Frequency					1.50 GHz
Efficient-core Max Turbo Frequency					4.10 GHz
Cache			12M	20M	30M
Processor Graphics			Intel UHD Graphics 730	Intel UHD Graphics 730	Intel UHD Graphics 770

Ordering and Specifications Information

Quick Order Model: Q71231X-S15

Custom Options

Category	Description
EDP	1
RJ-45	4
TPM 2.0	1 (SLB9670)

Multi-Network Port Series

NO.	Series	Code Name	Default CPU	Page NO.	LAN Ports	Serial Ports	5G	Remark
1	Q190G4	Bay Trail	J1900	54	4	0		
2	Q190G6	Bay Trail	J1900	60	6	1		
3	Q710G4	Apollo Lake	J3455	63	4	1		
4	Q730G5	Gemini Lake Gemini Lake-R	J4105	65	5	1		
5	Q10722G4	Jasper Lake	N5105	70	4	0	Yes	New
6	Q790G4	Elkhart Lake	J6412	73	4	0	Yes	
7	Q10821G5	Elkhart Lake	J6412	76	5	1	Yes	
8	Q10922G4	Alder Lake-N	N100	79	4	0	Yes	New
9	Q10922G6	Alder Lake-N	N100	82	4	0	Yes	New
10	Q20332G9	Denverton	C3758	85	9	1	Yes	
11	Q335G4	Haswell Broadwell	5005U	89	4	1		
12	Q30531G4	Haswell Broadwell	5005U	93	4	2		
13	Q335GE	Haswell Broadwell	5005U	97	8	6		
14	Q535G6	Skylake Kaby Lake	7100U	104	6	1		
15	Q838GE	Skylake Kaby Lake Kaby Lake-R	8130U	107	8	6		
16	Q30831GE	Skylake Kaby Lake Kaby Lake-R	8130U	114	8	6		New
17	Q30912G6	Whiskey Lake Coffee Lake Comet Lake	4305U	121	6	1		
18	Q1012GE	Whiskey Lake Coffee Lake Comet Lake	4305U	124	8	6		
19	Q30912SE	Whiskey Lake Coffee Lake Comet Lake	4305U	131	8	6		New
20	Q31551GT	Tiger Lake	125U	136	4	1		New
21	Q600G6	Skylake-S Kaby Lake-S	H110	140	6	0		
22	Q71200G6	Alder Lake-S Raptor Lake-S	H610	142	6	0	Yes	New



Q190G4U S01

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA
- 1 x USB 3.0, 3 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
VGA	1
USB	1 x USB 3.0, 3 x USB 2.0
Audio	No
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Storage	
Type	1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	134 x 126 x 38mm
Weight	0.70kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q190G4U S02

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
VGA	1
USB	1 x USB 3.0, 3 x USB 2.0
Audio	No
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	134 x 126 x 47mm
Weight	0.72kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q190G4N S07

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA
- 1 x USB 3.0, 3 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
VGA	1
USB	1 x USB 3.0, 3 x USB 2.0
Audio	No
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Storage	
Type	1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q190G4N S08

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
VGA	1
USB	1 x USB 3.0, 3 x USB 2.0
Audio	No
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.88kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q190G4 1U01

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
VGA	1
USB	1 x USB 3.0, 3 x USB 2.0
Audio	No
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
DC-in	No
Power Requirement	
AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	440 x 127 x 44mm
Weight	1.16kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q190G4-S01

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q180G4	S01	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics
Q190G4	S01	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.00Ghz	2M	Intel HD Graphics
Q192G4	S01	Bay trail	Celeron	N2930	4	4	1.83Ghz	2.16Ghz	2M	Intel HD Graphics
Q195G4	S01	Bay trail	Pentium	N3540	4	4	2.16Ghz	2.66Ghz	2M	Intel HD Graphics

PC Case Options

Category	SATA Support
S01	-
S02	Yes
S07	-
S08	Yes
1U01	Yes

Custom Options

Category	Description
Serial Port	1 x RS-232
USB 2.0	2

Q190G6 S04

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x HDMI, 1 x RS-232 (RJ-45)
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA, 1 x M.2
- 6 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	6 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0
Video Output	1 x HDMI
Serial Port	1 x RS-232 (RJ-45)
SIM Slot	1
Rear I/O	
Power	1 x DC Jack
LED	1 x USB2.0, 1 x USB3.0
LAN	6 x Intel I211-AT/I210-AT Gigabit LAN
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
Serial Port	0
USB2.0	1, 2 x 5Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.54mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.78kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q190G6 1U10

Qotom Mini PC



Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x HDMI, 1 x RS-232 (RJ-45)
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA, 1 x M.2
- 6 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	6 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0
Video Output	1 x HDMI
Serial Port	1 x RS-232 (RJ-45)
SIM Slot	1

Rear I/O

Power	1 x DC Jack
LED	1 x USB2.0, 1 x USB3.0
LAN	6 x Intel I211-AT/I210-AT Gigabit LAN

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 7, Windows 10, Linux
----	------------------------------

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
Serial Port	0
USB2.0	1, 2 x 5Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.54mm

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 112 x 44mm
Weight	1.11kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q190G6-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q180G6	S04	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics
Q190G6	S04	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.00Ghz	2M	Intel HD Graphics

PC Case Options

Category	SATA Support
S04	Yes
1U10	Yes

Custom Options

Category	Description
Serial Port	3 x RS-232
VGA	1
GPIO	1
RS-485	2 (3/4)
USB 2.0	1



Q710G4 S05

Qotom Mini PC

Main Features

- Intel Celeron J3455 Apollo Lake Processor
- Intel HD Graphics 500
- 1 x HDMI, 1 x RS-232 (RJ-45)
- 2 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN (POE)

Specifications

Processor System	
CPU	Intel Apollo Lake Processor Default Celeron J3455 Quad Cores Processor 1.5GHz, up to 2.3GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 500
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN (Support POE)
Audio	No
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 (RJ-45)
Video Output	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O	
Power	1 x 12V DC Jack, 1 x 48V DC Jack for POE
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN (Support POE)
Audio	No

Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

OS Support	
OS	UEFI Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
SIM Card Slot	1
AutoStart Jumper	No
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	1 x 12V3A, DC Jack: 5.5mm/2.5mm
Power Adapter for POE	1 x 48V2A, DC Jack: Mini DIN (Option)

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	187 x 111 x 49mm
Weight	1.00kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q710G4-S05

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q705G4	S05	Apollo Lake	Celeron	J3355	2	2	2.00Ghz	2.50Ghz	2M	Intel HD 500
Q710G4	S05	Apollo Lake	Celeron	J3455	4	4	1.50Ghz	2.50Ghz	2M	Intel HD 500

Custom Options

Category	Description
GPIO	1
USB 2.0	2
VGA	1
Serial Port	1 x RS-232 (COM1/COM2 Support 5V/12V)
RS-485	2, COM1/2 can be set up as RS-485

Q730G5 S07

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI
- 2 x USB 3.0, 2 x USB 2.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN



Specifications

Processor System	
CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0, 2 x USB 3.0
Video Output	1 x HDMI
Rear I/O	
Power	1 x DC Jack
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
LED	1 x Power LED (Option)
Storage	
Type	1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.72kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q730G5 S08

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor, Max Frequency 2.5Ghz
- Intel UHD Graphics 600
- 1 x HDMI, 1 x SATA 3.0
- 2 x USB 3.0, 2 x USB 2.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN



Specifications

Processor System	
CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0, 2 x USB 3.0
Video Output	1 x HDMI
Rear I/O	
Power	1 x DC Jack
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
LED	1 x Power LED (Option)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q730G5C S08

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor, Max Frequency 2.5Ghz
- Intel UHD Graphics 600
- 1 x HDMI, 1 x SATA 3.0
- 2 x USB 3.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)
Rear I/O	
Power	1 x DC Jack
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
LED	1 x Power LED (Option)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q730G5 1U06

Qotom Mini PC



Main Features

- Intel Celeron J4105 Gemini Lake Processor, Max Frequency 2.5Ghz
- Intel UHD Graphics 600
- 1 x HDMI, 1 x SATA 3.0
- 2 x USB 3.0, 2 x USB 2.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0, 2 x USB 3.0
Video Output	1 x HDMI

Rear I/O

Power	1 x DC Jack
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
LED	1 x Power LED (Option)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 10, Linux
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 127 x 44mm
Weight	1.21kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q730G5-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q720G5	S08	Gemini Lake	Celeron	N4000	2	2	1.1GHz	2.6GHz	4M	Intel UHD Graphics 600
Q730G5	S08	Gemini Lake	Celeron	J4105	4	4	1.5GHz	2.5GHz	4M	Intel UHD Graphics 600
Q740G5	S08	Gemini Lake Refresh	Celeron	N4020	2	2	1.1GHz	2.8GHz	4M	Intel UHD Graphics 600
Q750G5	S08	Gemini Lake Refresh	Celeron	J4125	4	4	2.0GHz	2.7GHz	4M	Intel UHD Graphics 600

PC Case Options

Category	SATA Support
S07	-
S08	Yes
1U06	Yes

Custom Options

Category	Description
GPIO	1
USB 2.0	2
VGA	1
Serial Port	1 x RS-232, RJ-45



Q10722G4 s08

Qotom Mini PC

Main Features

- Intel Celeron N5105 Jasper Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x Display Port
- 2 x USB 3.0, 1 x Type C
- 3 x M.2, 1 x SATA 3.0
- 4 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Jasper Lake Processor Default Celeron N5105 Quad Cores Processor 2.0GHz, up to 2.9GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	4 x Realtek Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Type C	1 x Type C (USB 3.0, Display Port)
USB	2 x USB3.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
LAN	4 x Realtek Gigabit LAN
Audio	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
------	---

OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.87kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q10722G4 1U12

Qotom Mini PC

Main Features

- Intel Celeron N5105 Jasper Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x Display Port
- 2 x USB 3.0, 1 x Type C
- 3 x M.2 , 1 x SATA 3.0
- 4 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Jasper Lake Processor Default Celeron N5105 Quad Cores Processor 2.0GHz, up to 2.9GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	4 x Realtek Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Type C	1 x Type C (USB 3.0, Display Port)
USB	2 x USB3.0

Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
LAN	4 x Realtek Gigabit LAN
Audio	0

Storage	
Type	1 x 2.5-inch HDD/SSD
	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)

OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	440 x 127 x 44mm
Weight	1.21kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q10722G4-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q10711G4	S08	Jasper Lake	Celeron	N4500	2	2	1.1GHz	2.8GHz	4M	Intel UHD Graphics
Q10712G4	S08	Jasper Lake	Celeron	N4505	2	2	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10721G4	S08	Jasper Lake	Celeron	N5100	4	4	1.1GHz	2.8GHz	4M	Intel UHD Graphics
Q10722G4	S08	Jasper Lake	Celeron	N5105	4	4	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10723G4	S08	Jasper Lake	Celeron	N5095	4	4	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10731G4	S08	Jasper Lake	Pentium	N6000	4	4	1.1GHz	3.0GHz	4M	Intel UHD Graphics
Q10732G4	S08	Jasper Lake	Pentium	N6005	4	4	2.0GHz	3.3GHz	4M	Intel UHD Graphics

Custom Options

Category	Description
S08	Yes
1U12	Yes



Q790G4 S04

Qotom Mini PC

Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI
- 2 x USB 3.0, 2 x USB 2.0
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 4 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0Ghz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0, 2 x USB 3.0
Rear I/O	
Power	1 x DC Jack
Phoenix	0
LAN	4 x Realtek Gigabit LAN
Display	1 x HDMI
Storage	
Type	1 x 2.5-inch HDD/SSD
	1 x Mini PCIe for mSATA SSD
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	1
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.76kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q790G4 1U13

Qotom Mini PC



Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI
- 2 x USB 3.0, 2 x USB 2.0
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 4 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0Ghz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0, 2 x USB 3.0
Rear I/O	
Power	1 x DC Jack
Phoenix	0
LAN	4 x Realtek Gigabit LAN
Display	1 x HDMI
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	1
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	440 x 112 x 44mm
Weight	1.17kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q790G4-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q780G4	S04	Elkhart Lake	Celeron	N6210	2	2	1.20Ghz	2.6Ghz	1.5M	Intel UHD Graphics
Q790G4	S04	Elkhart Lake	Celeron	J6412	4	4	2.00Ghz	2.60Ghz	1.5M	Intel UHD Graphics

PC Case Options

Category	SATA Support
S04	Yes

Custom Options

Category	Description
VGA	1
Serial Port	6 x RS-232
Audio	1 x Mic-in, 1 x Line-out
GPIO	1
PS/2	2
LPT	1



Q10821G5 S08

Qotom Mini PC

Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x Display Port, 1 x VGA
- 1 x USB 3.0, 1 x USB 2.0
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0Ghz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Video Output	1 x HDMI, 1 x Display Port, 1 x VGA
Serial Port	1 x RS-232 Port (RJ-45)
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0
Storage	
Type	1 x 2.5-inch HDD/SSD
	1 x Mini PCIe for mSATA SSD
	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2) Wi-Fi support via a Converter Card
GPIO	1, 2 x 5Pin, Pitch 2.0mm
SIM Card Slot	0
Clear CMOS	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.87kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q10821G5 1U08

Qotom Mini PC



Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x Display Port, 1 x VGA
- 1 x USB 3.0, 1 x USB 2.0
- 2 x M.2, 1 x mSATA, 1 x SATA 3.0
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0GHz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Video Output	1 x HDMI, 1 x Display Port, 1 x VGA
Serial Port	1 x RS-232 Port (RJ-45)
SIM Card Slot	1

Rear I/O

Power	1 x DC Jack
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0

Storage

Type	1 x 2.5-inch HDD/SSD
	1 x Mini PCIe for mSATA SSD
	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)

OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2) Wi-Fi support via a Converter Card
GPIO	1, 2 x 5Pin, Pitch 2.0mm
SIM Card Slot	0
Clear CMOS	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement

Power Adapter	AC 100-240V by Default
DC Jack	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 127 x 44mm
Weight	1.16kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q10821G5-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q10811G5	S08	Elkhart Lake	Celeron	N6210	2	2	1.20Ghz	2.6Ghz	1.5M	Intel UHD Graphics
Q10821G5	S08	Elkhart Lake	Celeron	J6412	4	4	2.00Ghz	2.60Ghz	1.5M	Intel UHD Graphics

PC Case Options

Category	SATA Support
S08	Yes
1U08	Yes

Custom Options

Category	Description
USB 2.0	2
USB 3.0	1
GPIO	1
TPM 2.0	1 (SLB9672)



Q10922G4 S04

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 2 x HDMI
- 1 x USB 3.0, 3 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 4 x Realtek 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	0
PS/2	0
USB	3 x USB 2.0, 1 x USB 3.0
Serial Port	0
Rear I/O	
Power	1 x DC Jack
LAN	4 x Realtek 2.5 Gigabit LAN
USB	0 x USB 2.0
Display	2 x HDMI
Serial Port	0
Audio	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q10922G4 1U14

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 2 x HDMI
- 1 x USB 3.0, 3 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 4 x Realtek 2.5 Gigabit LAN

DEMO

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	0
PS/2	0
USB	3 x USB 2.0, 1 x USB 3.0
Serial Port	0
Rear I/O	
Power	1 x DC Jack
LAN	4 x Realtek 2.5 Gigabit LAN
USB	0 x USB 2.0
Display	2 x HDMI
Serial Port	0
Audio	0
Storage	
Type	1 x 2.5-inch HDD/SSD
	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	440 x 127 x 44mm
Weight	1.16kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q10922G4-S04

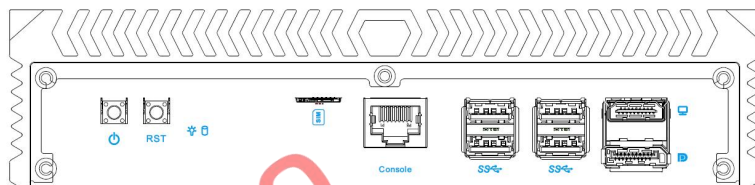
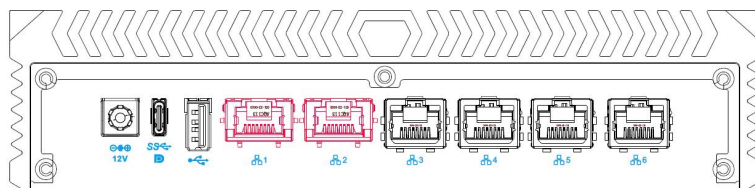
Ordering Code	Case	Code Name	Process or Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	TDP
Q10911G4	S04	Alder lake-N	-	N50	2	-	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10921G4	S04	Alder lake-N	-	N97	4	-	-	3.6GHz	6M	Intel UHD Graphics	12W
Q10922G4	S04	Alder lake-N	-	N100	4	4	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10923G4	S04	Alder lake-N	-	N200	4	4	-	3.7GHz	6M	Intel UHD Graphics	6W
Q10931G4	S04	Alder lake-N	Core i3	N300	8	8	-	3.8GHz	6M	Intel UHD Graphics	7W
Q10932G4	S04	Alder lake-N	Core i3	N305	8	8	-	3.8GHz	6M	Intel UHD Graphics	15W

PC Case Options

Category	SATA Support
S04	Yes
1U14	Yes

Custom Options

Category	Description



Q10922G6 s13

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 3 x USB 3.0, 2 x USB 2.0, 1 x Type C
- 1 x M.2
- 1 x RS-232 (RJ-45)
- 2 x Marvell AQC113 10 Gigabit LAN
- 4 x Intel I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Marvell AQC113 10 Gigabit LAN 4 x Intel I226-V 2.5 Gigabit LAN
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
SIM Slot	1 x Nano SIM Slot
Serial Port	1 x RS-232 Port (RJ-45), 2 x USB 2.0 (Option)
Video Output	1 x HDMI, 1 x Display Port
USB	3 x USB 3.0, 1 x USB 2.0
Rear I/O	
Power	1 x DC Jack
USB	1 x USB 2.0
Type C	1 x Type C (USB 3.0, Display Port)
LAN	2 x Marvell AQC113 10 Gigabit LAN 4 x Intel I226-V 2.5 Gigabit LAN
Storage	
Type	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
eMMC	32GB/64GB, Integrated (Option)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	Wi-Fi support via a Converter Card (Option)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)
Power Requirement	
Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q10922G6 1U16

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 3 x USB 3.0, 2 x USB 2.0, 1 x Type C
- 1 x M.2
- 1 x RS-232 (RJ-45)
- 2 x Marvell AQC113 10 Gigabit LAN
- 4 x Intel I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Marvell AQC113 10 Gigabit LAN 4 x Intel I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
SIM Slot	1 x Nano SIM Slot
Serial Port	1 x RS-232 Port (RJ-45), 2 x USB 2.0 (Option)
Video Output	1 x HDMI, 1 x Display Port
USB	3 x USB 3.0, 1 x USB 2.0

Rear I/O

Power	1 x DC Jack
USB	1 x USB 2.0
Type C	1 x Type C (USB 3.0, Display Port)
LAN	2 x Marvell AQC113 10 Gigabit LAN 4 x Intel I226-V 2.5 Gigabit LAN

Storage

Type	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
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OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

eMMC	32GB/64GB, Integrated (Option)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	Wi-Fi support via a Converter Card (Option)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)

Power Requirement

Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q10922G6-S13

Ordering Code	Case	Code Name	Process or Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	TDP
Q10911G6	S13	Alder lake-N	-	N50	2	-	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10921G6	S13	Alder lake-N	-	N97	4	-	-	3.6GHz	6M	Intel UHD Graphics	12W
Q10922G6	S13	Alder lake-N	-	N100	4	4	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10923G6	S13	Alder lake-N	-	N200	4	4	-	3.7GHz	6M	Intel UHD Graphics	6W
Q10931G6	S13	Alder lake-N	Core i3	N300	8	8	-	3.8GHz	6M	Intel UHD Graphics	7W
Q10932G6	S13	Alder lake-N	Core i3	N305	8	8	-	3.8GHz	6M	Intel UHD Graphics	15W

PC Case Options

Category	SATA Support
S13	Yes
S20	Yes

Custom Options

Category	Description

Q20332G9 S10

Qotom Mini PC

Main Features

- Intel Atom C3758 Denverton Processor
- 1 x VGA
- 1 x USB 3.0, 1 x USB 2.0, 1 x Type C (USB 3.0)
- 2 x M.2 (PCIe 3.0 x 2)
- 1 x Mini SAS, 2 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 4 x 10G SFP+
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Denverton Processor Default Atom C3758 8 Cores Processor 2.2Ghz, 16M Cache
CPU TDP	25W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G, 2400MHz)
Chipset	By CPU
Graphics	ASPEED AST2400
LAN Chipset	5 x Intel I225-V/I226-V 2.5 Gigabit LAN, 4 x SFP+
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
VGA	1 x DB15
SIM Slot	1 x Nano SIM Slot
Type C	1 x Type C (USB 3.0)
Mini SAS	1 x Mini SAS (SFF8087)
Rear I/O	
Power	1 x DC Jack
Serial Port	1 x RS-232 (RJ-45)
USB	1 x USB 3.0, 1 x USB 2.0
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
SFP+	4 x 10G SFP+
Storage	
Type	2 x 2.5-inch HDD/SSD 2 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2)
OS Support	
OS	Windows 10, Linux

Expansion	
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	2 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2)
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	440 x 113 x 44mm
Weight	1.20kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q20332G9 S20

Qotom Mini PC

Main Features

- Intel Atom C3758 Denverton Processor
- 1 x VGA
- 1 x USB 3.0, 1 x USB 2.0, 1 x Type C (USB 3.0)
- 2 x M.2 (PCIe 3.0 x 2)
- 1 x Mini SAS, 2 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 4 x 10G SFP+
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Denverton Processor Default Atom C3758 8 Cores Processor 2.2Ghz, 16M Cache
CPU TDP	25W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G, 2400MHz)
Chipset	By CPU
Graphics	ASPEED AST2400
LAN Chipset	5 x Intel I225-V/I226-V 2.5 Gigabit LAN, 4 x SFP+
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
VGA	1 x DB15
SIM Slot	1 x Nano SIM Slot
Type C	1 x Type C (USB 3.0)
Mini SAS	1 x Mini SAS (SFF8087)
Rear I/O	
Power	1 x DC Jack
Serial Port	1 x RS-232 (RJ-45)
USB	1 x USB 3.0, 1 x USB 2.0
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
SFP+	4 x 10G SFP+
Storage	
Type	2 x 2.5-inch HDD/SSD 2 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2)
OS Support	
OS	Windows 10, Linux

Expansion	
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	2 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2)
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.20kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q20332G9 1U11

Qotom Mini PC



Main Features

- Intel Atom C3758 Denverton Processor
- 1 x VGA
- 1 x USB 3.0, 1 x USB 2.0, 1 x Type C (USB 3.0)
- 2 x M.2 (PCIe 3.0 x 2)
- 1 x Mini SAS, 2 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 4 x 10G SFP+
- 5 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel Denverton Processor Default Atom C3758 8 Cores Processor 2.2Ghz, 16M Cache
CPU TDP	25W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G, 2400MHz)
Chipset	By CPU
Graphics	ASPEED AST2400
LAN Chipset	5 x Intel I225-V/I226-V 2.5 Gigabit LAN, 4 x SFP+
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
VGA	1 x DB15
SIM Slot	1 x Nano SIM Slot
Type C	1 x Type C (USB 3.0)
Mini SAS	1 x Mini SAS (SFF8087)

Rear I/O

Power	1 x DC Jack
Serial Port	1 x RS-232 (RJ-45)
USB	1 x USB 3.0, 1 x USB 2.0
LAN	5 x Intel I225-V/I226-V 2.5 Gigabit LAN
SFP+	4 x 10G SFP+

Storage

Type	2 x 2.5-inch HDD/SSD 2 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2)
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OS Support

OS	Windows 10, Linux
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Expansion

M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	2 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 2)
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
RS-485	0
DC-in	No

Power Requirement

Power Adapter	AC 100-240V by Default
DC Jack	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 127 x 44mm
Weight	1.16kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q20332G9-S10

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	TDP	Base Frequency	Max Turbo Frequency	Cache
Q20311G9	S10	Denverton	Atom	C3338R	2	2	10.5W	1.80Ghz	2.20Ghz	4M
Q20321G9	S10	Denverton	Atom	C3558R	4	4	17W	2.40Ghz		8M
Q20322G9	S10	Denverton	Atom	C3558	4	4	16W	2.20Ghz		8M
Q20331G9	S10	Denverton	Atom	C3758R	8	8	26W	2.40Ghz		16M
Q20332G9	S10	Denverton	Atom	C3758	8	8	25W	2.2Ghz		16M
Q20342G9	S10	Denverton	Atom	C3808	12	12	25W	2.00Ghz		12M

Functional Differences

Ordering Code	Memory Channels	SFP+ 10G	SFP 1G (2.5G)	M.2 M Key (PCIe 3.0 x 2)	M.2 M Key (PCIe 3.0 x 1)	RJ-45	VGA	SATA 3.0	5G	Mini SAS	USB 3.0	Type C
Q20311G9	1	-	4	-	2	5	1	1	1	-	USB2.0	USB2.0
Q20321G9	2	2	2	2	-	5	1	2	1	1	1	USB3.0
Q20322G9	2	2	2	2	-	5	1	1	1	-	USB2.0	USB2.0
Q20331G9	2	4	-	2	-	5	1	2	1	1	1	USB3.0
Q20332G9	2	4	-	2	-	5	1	2	1	1	1	USB3.0
Q20342G9	2	4	-	2	-	5	1	2	1	1	1	USB3.0

PC Case Options

Category	SATA Support
S10	Yes
S20	Yes
1U11	Yes

Custom Options

Category	Description
USB 2.0	4



Q335G4 S05

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
Video Output	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O

Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
----	---

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	187 x 111 x 49mm
Weight	1.03kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q335G4 S06

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
Video Output	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	0
Storage	
Type	1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	182 x 111 x 38mm
Weight	0.79kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q335G4 1U02

Qotom Mini PC



Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
Video Output	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O

Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I211-AT/I210-AT Gigabit LAN
Audio	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
----	---

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 112 x 44mm
Weight	1.15kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q335G4-S05

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q301G4	S05	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q330G4	S05	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q350G4	S05	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q370G4	S05	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q330G4Y	S05	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q350G4Y	S05	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q305G4	S05	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q310G4	S05	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q320G4	S05	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q335G4	S05	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q355G4	S05	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q375G4	S05	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

PC Case Options

Category	SATA Support
S05	Yes
S06	-
1U02	Yes

Custom Options

Category	Description
Audio	2
USB 2.0	2
Serial Port	1 x RS-232
GPIO	1



Q30531G4 S05

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
Video Output	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	187 x 111 x 49mm
Weight	1.03kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30531G4 S06

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
Video Output	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	0
Storage	
Type	1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	182 x 111 x 38mm
Weight	0.79kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30531G4 1U02

Qotom Mini PC



Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 4 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
Video Output	1 x HDMI
USB	2 x USB 3.0, 2 x USB 2.0
Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No
Power Requirement	
AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	440 x 112 x 44mm
Weight	1.15kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q30531G4-S05

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30411G4	S05	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q30431G4	S05	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q30451G4	S05	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q30471G4	S05	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q30432G4	S05	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q30452G4	S05	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q30511G4	S05	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q30512G4	S05	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q30521G4	S05	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q30531G4	S05	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q30551G4	S05	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q30571G4	S05	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

PC Case Options

Category	SATA Support
S05	Yes
S06	-
1U02	Yes

Custom Options

Category	Description
Audio	2
USB 2.0	2
Serial Port	1 x RS-232
GPIO	1
SATA	1 (Only for Core i5/i7)

Q335GE s13

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI
- 2 x USB 3.0, 4 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN



Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
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Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.25kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q335GE s10

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI
- 2 x USB 3.0, 4 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
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Storage

Type	1 x 2.5-inch HDD/SSD
	1 x mSATA for SSD

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.30kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q335GE s20

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI
- 2 x USB 3.0, 4 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
-----	---------------------------------------

Storage

Type	1 x 2.5-inch HDD/SSD 1 x mSATA for SSD
------	---

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.30kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q335GEX s10

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI
- 2 x USB 3.0, 4 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 6 x RS-232 (Support RS-485)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
Serial Port	5 x RS-232 Port (DB9) (COM3/COM4 Support 5V/12V)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	COM3/4 can be set up as RS-485

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	2.5kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q335GEX s20

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI
- 2 x USB 3.0, 4 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 6 x RS-232 (Support RS-485)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
Serial Port	5 x RS-232 Port (DB9) (COM3/COM4 Support 5V/12V)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	COM3/4 can be set up as RS-485

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	2.5kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q335GE 1U05

Qotom Mini PC



Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
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Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.20kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q335GE-S10

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q301GE	S10	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q330GE	S10	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q350GE	S10	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q370GE	S10	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q330GEY	S10	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q350GEY	S10	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q305GE	S10	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q310GE	S10	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q320GE	S10	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q335GE	S10	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q355GE	S10	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q375GE	S10	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

PC Case Options

Category	SATA Support
S10	Yes
S13	Yes
S20	Yes
1U05	Yes

Custom Options

Category	Description
USB 2.0	1
Serial Port	5 x RS-232, DB9
GPIO	1
VGA	1
RS-485	2

Q535G6 S05

Qotom Mini PC

Main Features

- Intel Core i3-7100U Kaby lake Processor
- Intel HD Graphics 620
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 6 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel 7 th Gen Kaby lake Processor Default Core i3-7100U Dual Cores Processor 2.4GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	6 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O	
Power Button	1
USB	2 x USB 3.0, 2 x USB 2.0
Video Output	1 x HDMI
Serial Port	1 x RS-232

Rear I/O	
Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	6 x Intel I211-AT/I210-AT Gigabit LAN

Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485/Serial Port	0

Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	187 x 111 x 49mm
Weight	1.03kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q535G6 1U03

Qotom Mini PC



Main Features

- Intel Core i3-7100U Kaby lake Processor
- Intel HD Graphics 620
- 1 x HDMI, 1 x RS-232
- 2 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 6 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 7 th Gen Kaby lake Processor Default Core i3-7100U Dual Cores Processor 2.4GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	6 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1
USB	2 x USB 3.0, 2 x USB 2.0
Video Output	1 x HDMI
Serial Port	1 x RS-232

Rear I/O

Power	1 x DC Jack
LED	1 x Power LED, 1 x HDD LED
LAN	6 x Intel I211-AT/I210-AT Gigabit LAN

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)
----	---

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485/Serial Port	0

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 112 x 44mm
Weight	1.30kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q535G6-S05

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q510G6	S05	Skylake	Celeron	3855U	2	2	1.6GHz	/	2M	Intel HD 510
Q520G6	S05	Skylake	Celeron	3955U	2	2	2.0GHz	/	2M	Intel HD 510
Q530G6	S05	Skylake	Core i3	6100U	2	4	2.3GHz	/	3M	Intel HD 520
Q550G6	S05	Skylake	Core i5	6200U	2	4	2.3GHz	2.8GHz	3M	Intel HD 520
Q570G6	S05	Skylake	Core i7	6500U	2	4	2.5GHz	3.1GHz	4M	Intel HD 520
	S05									
Q515G6	S05	Kaby Lake	Celeron	3865U	2	2	1.8GHz	/	2M	Intel HD 610
Q525G6	S05	Kaby Lake	Celeron	3965U	2	2	2.2GHz	/	2M	Intel HD 610
Q535G6	S05	Kaby Lake	Core i3	7100U	2	4	2.4GHz	/	3M	Intel HD 620
Q555G6	S05	Kaby Lake	Core i5	7200U	2	4	2.5GHz	3.1GHz	3M	Intel HD 620
Q575G6	S05	Kaby Lake	Core i7	7500U	2	4	2.7GHz	3.5GHz	4M	Intel HD 620

PC Case Options

Category	SATA Support
S05	Yes
1U03	Yes

Custom Options

Category	Description
USB 2.0	4
GPIO	1
VGA	1
RS-485	2 (COM1/COM2 Support 5V/12V)
Serial Port	1 x RS-232

Q838GE s13

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN



Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
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Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q838GE s10

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
-----	---------------------------------------

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q838GE s20

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
-----	---------------------------------------

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
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Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q838GEX S10

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 6 x RS-232 (Support RS-485)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes
Front I/O	
Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)
Rear I/O	
LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
Serial Port	5 x RS-232 Port (DB9) (COM3/COM4 Support 5V/12V)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	COM3/4 can be set up as RS-485
DC-in	No
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.37kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q838GEX s20

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 6 x RS-232 (Support RS-485)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes
Front I/O	
Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)
Rear I/O	
LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
Serial Port	5 x RS-232 Port (DB9) (COM3/COM4 Support 5V/12V)
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	COM3/4 can be set up as RS-485
DC-in	No
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.37kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q838GE 1U05

Qotom Mini PC



Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Intel I211-AT/I210-AT Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0, 2 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I211-AT/I210-AT Gigabit LAN
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Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 113 x 44mm
Weight	1.20kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q838GE-S10

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q816GE	S10	Skylake	Celeron	3855U	2	2	1.6GHz	/	2M	Intel HD 510
Q826GE	S10	Skylake	Celeron	3955U	2	2	2.0GHz	/	2M	Intel HD 510
Q836GE	S10	Skylake	Core i3	6100U	2	4	2.3GHz	/	3M	Intel HD 520
Q856GE	S10	Skylake	Core i5	6200U	2	4	2.3GHz	2.8GHz	3M	Intel HD 520
Q876GE	S10	Skylake	Core i7	6500U	2	4	2.5GHz	3.1GHz	4M	Intel HD 520
Q817GE	S10	Kaby Lake	Celeron	3865U	2	2	1.8GHz	/	2M	Intel HD 610
Q827GE	S10	Kaby Lake	Celeron	3965U	2	2	2.2GHz	/	2M	Intel HD 610
Q837GE	S10	Kaby Lake	Core i3	7100U	2	4	2.4GHz	/	3M	Intel HD 620
Q857GE	S10	Kaby Lake	Core i5	7200U	2	4	2.5GHz	3.1GHz	3M	Intel HD 620
Q877GE	S10	Kaby Lake	Core i7	7500U	2	4	2.7GHz	3.5GHz	4M	Intel HD 620
Q818GE	S10	Kaby Lake R	Celeron	3867U	2	2	1.8GHz	/	2M	Intel HD 610
Q828GE	S10	Kaby Lake R	Pentium	4417U	2	2	2.3GHz	/	2M	Intel HD 610
Q838GE	S10	Kaby Lake R	Core i3	8130U	2	4	2.0GHz	3.40GHz	4M	Intel UHD 620
Q858GE	S10	Kaby Lake R	Core i5	8250U	4	8	1.6GHz	3.4GHz	6M	Intel UHD 620
Q878GE	S10	Kaby Lake R	Core i7	8550U	4	8	1.8GHz	4.0GHz	8M	Intel UHD 620

PC Case Options

Category	SATA Support
S10	Yes
S13	Yes
S20	Yes
1U05	Yes

Custom Options

Category	Description
USB 2.0	2
Serial Port	5 x RS-232, DB9
GPIO	1
VGA	1
RS-485	2



Q30831GE S13

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Realtek Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Realtek Gigabit LAN
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Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
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Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30831GE s10

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Realtek Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Realtek Gigabit LAN
-----	-------------------------

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q30831GE s20

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Realtek Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Realtek Gigabit LAN
-----	-------------------------

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30831GEX s10

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Realtek Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Realtek Gigabit LAN
-----	-------------------------

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30831GEx s20

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Realtek Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Realtek Gigabit LAN
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Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q30831GE 1U07

Qotom Mini PC

Main Features

- Intel Core i3-8130U Kaby Lake Processor
- Intel HD Graphics 620
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x mSATA, 1 x Mini PCIe, 1 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Kaby Lake Processor Default Core i3-8130U Dual Cores Processor 2GHz, up to 3.4GHz, 4M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	8 x Realtek Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Realtek Gigabit LAN
-----	-------------------------

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)
----	---

Expansion

Mini PCIe	1 x Mini PCIe (Only Support USB Device) Full-length for 4G Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 113 x 44mm
Weight	1.20kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q30831GE-S10

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30611GE	S10	Skylake	Celeron	3855U	2	2	1.6GHz	/	2M	Intel HD 510
Q30612GE	S10	Skylake	Celeron	3955U	2	2	2.0GHz	/	2M	Intel HD 510
Q30631GE	S10	Skylake	Core i3	6100U	2	4	2.3GHz	/	3M	Intel HD 520
Q30651GE	S10	Skylake	Core i5	6200U	2	4	2.3GHz	2.8GHz	3M	Intel HD 520
Q30671GE	S10	Skylake	Core i7	6500U	2	4	2.5GHz	3.1GHz	4M	Intel HD 520
Q30711GE	S10	Kaby Lake	Celeron	3865U	2	2	1.8GHz	/	2M	Intel HD 610
Q30712GE	S10	Kaby Lake	Celeron	3965U	2	2	2.2GHz	/	2M	Intel HD 610
Q30731GE	S10	Kaby Lake	Core i3	7100U	2	4	2.4GHz	/	3M	Intel HD 620
Q30751GE	S10	Kaby Lake	Core i5	7200U	2	4	2.5GHz	3.1GHz	3M	Intel HD 620
Q30771GE	S10	Kaby Lake	Core i7	7500U	2	4	2.7GHz	3.5GHz	4M	Intel HD 620
Q30811GE	S10	Kaby Lake R	Celeron	3867U	2	2	1.8GHz	/	2M	Intel HD 610
Q30821GE	S10	Kaby Lake R	Pentium	4417U	2	2	2.3GHz	/	2M	Intel HD 610
Q30831GE	S10	Kaby Lake R	Core i3	8130U	2	4	2.0GHz	3.40GHz	4M	Intel UHD 620
Q30851GE	S10	Kaby Lake R	Core i5	8250U	4	8	1.6GHz	3.4GHz	6M	Intel UHD 620
Q30871GE	S10	Kaby Lake R	Core i7	8550U	4	8	1.8GHz	4.0GHz	8M	Intel UHD 620

PC Case Options

Category	SATA Support
S10	Yes
S13	Yes
1U07	Yes

Custom Options

Category	Description
USB 2.0	2
Serial Port	5 x RS-232, DB9
GPIO	1
VGA	1
RS-485	2



Q30912G6 S08

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 1 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
Power	1 x DC Jack

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe, Full-length for mSATA/4G
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.54mm
CMOS Clear Jumper	1, 2 x 5Pin, Pitch 2.0mm
GPIO	0

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.88kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30912G6 1U09

Qotom Mini PC



Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 1 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
Power	1 x DC Jack

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe, Full-length for mSATA/4G
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.54mm
CMOS Clear Jumper	1, 2 x 5Pin, Pitch 2.0mm
GPIO	0

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 127 x 44mm
Weight	1.18kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q30912G6-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30912G6	S08	Whiskey Lake	Celeron	4305U	2	2	2.2GHz	/	2M	Intel UHD Graphics
Q30921G6	S08	Whiskey Lake	Pentium	5405U	2	4	2.3GHz	/	2M	Intel UHD Graphics
Q30931G6	S08	Whiskey Lake	Core i3	8145U	2	4	2.1GHz	3.9GHz	4M	Intel UHD Graphics
Q30951G6	S08	Whiskey Lake	Core i5	8265U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics
Q30971G6	S08	Whiskey Lake	Core i7	8565U	4	8	1.8GHz	4.6GHz	8M	Intel UHD Graphics
Q30952G6	S08	Coffee Lake	Core i5	8260U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics 620
Q31011G6	S08	Comet Lake	Celeron	5205U	2	2	1.9GHz	/	2M	Intel UHD Graphics
Q31012G6	S08	Comet Lake	Celeron	5305U	2	2	2.3GHz	/	2M	Intel UHD Graphics
Q31021G6	S08	Comet Lake	Pentium	6405U	2	4	2.4GHz	/	2M	Intel UHD Graphics
Q31031G6	S08	Comet Lake	Core i3	10110U	2	4	2.1GHz	4.1GHz	4M	Intel UHD Graphics
Q31051G6	S08	Comet Lake	Core i5	10210U	4	8	1.6GHz	4.2GHz	6M	Intel UHD Graphics
Q31071G6	S08	Comet Lake	Core i7	10610U	4	8	1.8GHz	4.9GHz	8M	Intel UHD Graphics
Q31072G6	S08	Comet Lake	Core i7	10810U	6	12	1.1GHz	4.9GHz	12M	Intel UHD Graphics
Q31073G6	S08	Comet Lake	Core i7	10710U	6	12	1.1GHz	4.7GHz	12M	Intel UHD Graphics

PC Case Options

Category	SATA Support
S08	Yes
1U09	Yes

Custom Options

Category	Description
USB 2.0	2
TPM 2.0	1 (SLB9665)



Q1012GE S13

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 2 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Serial Port	No

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q1012GE S10

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 2 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Serial Port	No

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.32kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q1012GE s20

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 2 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Serial Port	No

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.32kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q1012GEx S10

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 2 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45), 5 x RS-232 (DB9)
- 8 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Serial Port	5 x RS-232 Ports (DB9) (COM2/3 Support 5V/12V)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
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Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2, COM2/3 can be set up as RS-485

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.38kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q1012GEx s20

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 2 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45), 5 x RS-232 (DB9)
- 8 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Serial Port	5 x RS-232 Ports (DB9) (COM2/3 Support 5V/12V)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2, COM2/3 can be set up as RS-485

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.38kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q1012GE 1U07

Qotom Mini PC



Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0
- 1 x M.2, 2 x Mini PCIe, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes

Front I/O

Power Button	1
Reset Button	1
LED	1 x Power LED, 1 x HDD LED
USB	4 x USB 3.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	8 x Intel I225-V/I226-V 2.5 Gigabit LAN
Serial Port	No

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi (Default Only Support USB Device)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 113 x 44mm
Weight	1.20kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q1012GE-S10

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q1012GE	S10	Whiskey Lake	Celeron	4305U	2	2	2.2GHz	/	2M	Intel UHD Graphics
Q1020GE	S10	Whiskey Lake	Pentium	5405U	2	4	2.3GHz	/	2M	Intel UHD Graphics
Q1030GE	S10	Whiskey Lake	Core i3	8145U	2	4	2.1GHz	3.9GHz	4M	Intel UHD Graphics
Q1051GE	S10	Whiskey Lake	Core i5	8265U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics
Q1070GE	S10	Whiskey Lake	Core i7	8565U	4	8	1.8GHz	4.6GHz	8M	Intel UHD Graphics
Q1052GE	S10	Coffee Lake	Core i5	8260U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics 620
Q1015GE	S10	Comet Lake	Celeron	5205U	2	2	1.9GHz	/	2M	Intel UHD Graphics
Q1016GE	S10	Comet Lake	Celeron	5305U	2	2	2.3GHz	/	2M	Intel UHD Graphics
Q1025GE	S10	Comet Lake	Pentium	6405U	2	4	2.4GHz	/	2M	Intel UHD Graphics
Q1035GE	S10	Comet Lake	Core i3	10110U	2	4	2.1GHz	4.1GHz	4M	Intel UHD Graphics
Q1055GE	S10	Comet Lake	Core i5	10210U	4	8	1.6GHz	4.2GHz	6M	Intel UHD Graphics
Q1075GE	S10	Comet Lake	Core i7	10610U	4	8	1.8GHz	4.9GHz	8M	Intel UHD Graphics
Q1076GE	S10	Comet Lake	Core i7	10810U	6	12	1.1GHz	4.9GHz	12M	Intel UHD Graphics
Q1077GE	S10	Comet Lake	Core i7	10710U	6	12	1.1GHz	4.7GHz	12M	Intel UHD Graphics

PC Case Options

Category	SATA Support
S10	Yes
S13	Yes
S20	Yes
1U07	Yes

Custom Options

Category	Description
Serial Port	5 x RS-232
VGA	1
USB 2.0	6
GPIO	1
RS-485	2
TPM 2.0	1 (SLB9665)



Q30912SE s13

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 3 x USB 3.0, 1 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I225-V/I226-V 2.5 Gigabit LAN
- 2 x Intel JL82599ES SFP+

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN 2 x Intel JL82599ES SFP+
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	3 x USB 3.0, 1 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
SFP+	2 x Intel JL82599ES SFP+ Max. speed of 12Gbps for both interfaces

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230) Only For Core Series
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Power Button	1 x Power Button, 1 x Reset Button

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30912SE Ultra s13

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 3 x USB 3.0, 1 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I226-V 2.5 Gigabit LAN
- 2 x Intel X710-BM2 SFP+

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN 2 x Intel X710-BM2 SFP+
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	3 x USB 3.0, 1 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	6 x Intel I226-V 2.5 Gigabit LAN
SFP+	2 x Intel X710-BM2 SFP+

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230) Only For Core Series
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Power Button	1 x Power Button, 1 x Reset Button

Power Requirement

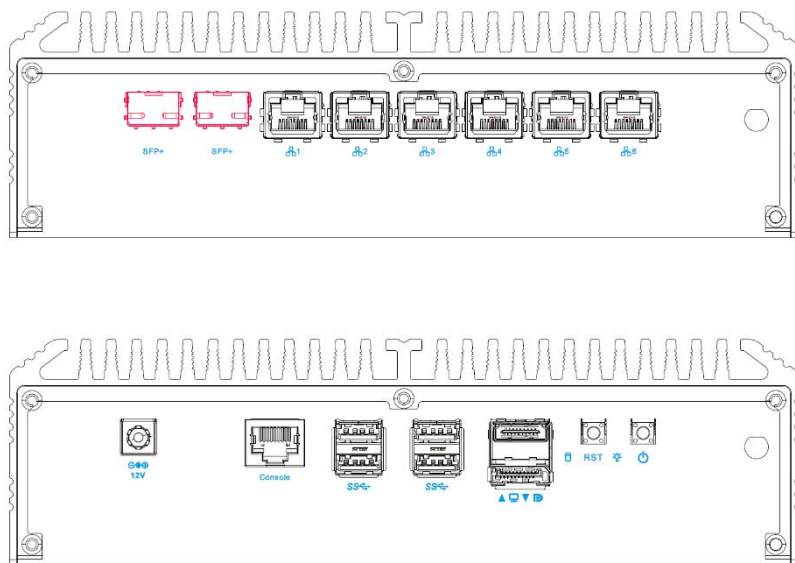
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q30912SE s10

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 3 x USB 3.0, 1 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I225-V/I226-V 2.5 Gigabit LAN
- 2 x Intel JL82599ES SFP+

Specifications

Processor System	
CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN 2 x Intel JL82599ES SFP+
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	3 x USB 3.0, 1 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O	
LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
SFP+	2 x Intel JL82599ES SFP+ Max. speed of 12Gbps for both interfaces

Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

OS Support	
OS	Windows 10, Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230) Only For Core Series
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Power Button	1 x Power Button, 1 x Reset Button

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

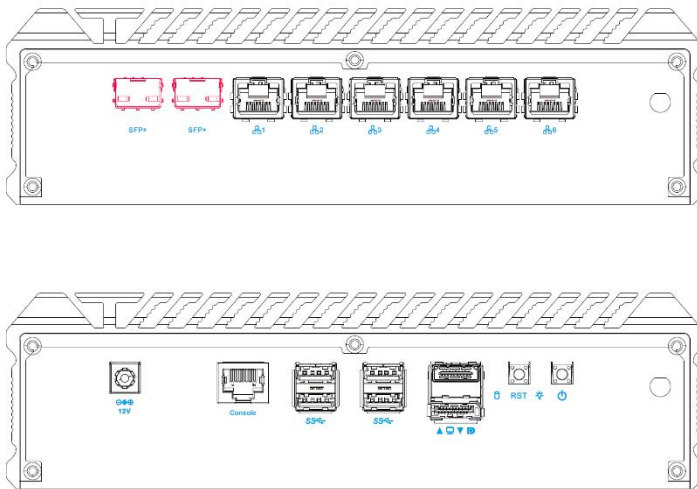
Mechanical	
Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30912SE S20

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 3 x USB 3.0, 1 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I225-V/I226-V 2.5 Gigabit LAN
- 2 x Intel JL82599ES SFP+



Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN 2 x Intel JL82599ES SFP+
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	3 x USB 3.0, 1 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
SFP+	2 x Intel JL82599ES SFP+ Max. speed of 12Gbps for both interfaces

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230) Only For Core Series
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Power Button	1 x Power Button, 1 x Reset Button

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30912SE 1U15

Qotom Mini PC



Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 3 x USB 3.0, 1 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 8 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN 2 x Intel JL82599ES SFP+
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	3 x USB 3.0, 1 x USB 2.0
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
Serial Port	1 x RS-232 Port (RJ-45)

Rear I/O

LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
SFP+	2 x Intel JL82599ES SFP+ Max. speed of 12Gbps for both interfaces

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230) Only For Core Series
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement

AC Input	AC 100-240V by Default
Power Adapter	DC 12V (5.5mm, 2.5mm)

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	440 x 113 x 44mm
Weight	1.20kg
Mounting	No
Packaging Dimension	545 x 180 x 90mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q30912SE-S10

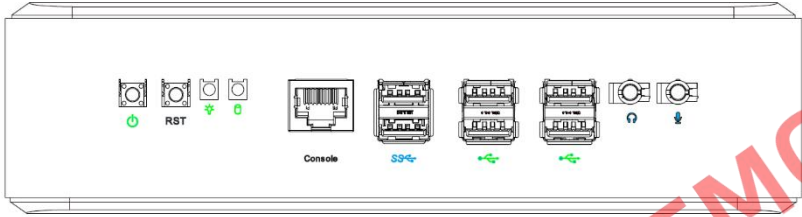
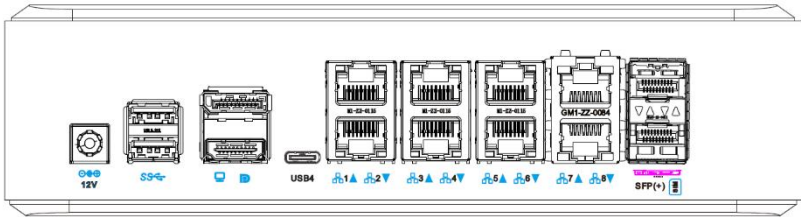
Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30912SE	S10	Whiskey Lake	Celeron	4305U	2	2	2.2GHz	/	2M	Intel UHD Graphics
Q30921SE	S10	Whiskey Lake	Pentium	5405U	2	4	2.3GHz	/	2M	Intel UHD Graphics
Q30931SE	S10	Whiskey Lake	Core i3	8145U	2	4	2.1GHz	3.9GHz	4M	Intel UHD Graphics
Q30951SE	S10	Whiskey Lake	Core i5	8265U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics
Q30971SE	S10	Whiskey Lake	Core i7	8565U	4	8	1.8GHz	4.6GHz	8M	Intel UHD Graphics
Q30952SE	S10	Coffee Lake	Core i5	8260U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics 620
Q31011SE	S10	Comet Lake	Celeron	5205U	2	2	1.9GHz	/	2M	Intel UHD Graphics
Q31012SE	S10	Comet Lake	Celeron	5305U	2	2	2.3GHz	/	2M	Intel UHD Graphics
Q31021SE	S10	Comet Lake	Pentium	6405U	2	4	2.4GHz	/	2M	Intel UHD Graphics
Q31031SE	S10	Comet Lake	Core i3	10110U	2	4	2.1GHz	4.1GHz	4M	Intel UHD Graphics
Q31051SE	S10	Comet Lake	Core i5	10210U	4	8	1.6GHz	4.2GHz	6M	Intel UHD Graphics
Q31071SE	S10	Comet Lake	Core i7	10610U	4	8	1.8GHz	4.9GHz	8M	Intel UHD Graphics
Q31072SE	S10	Comet Lake	Core i7	10810U	6	12	1.1GHz	4.9GHz	12M	Intel UHD Graphics
Q31073SE	S10	Comet Lake	Core i7	10710U	6	12	1.1GHz	4.7GHz	12M	Intel UHD Graphics

PC Case Options

Category	SATA Support
S10	Yes
S13	Yes
1U07	Yes

Custom Options

Category	Description
VGA	1
USB 2.0	6
GPIO	1
RS-485	2
TPM 2.0	1 (SLB9665)



Q31551ST S15

Qotom Mini PC

Main Features

- Intel Core Ultra 5 125U Meteor Lake Processor
- Intel AI Boost NPU
- Intel Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0, 1 x USB 4
- 2 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I226-V 2.5 Gigabit LAN
- 2 x Intel X540 10 Gigabit LAN
- 2 x Intel JL82599ES 10 Gigabit SFP+

DEMO

Specifications

Processor System	
CPU	Intel Core Ultra 5 Meteor Lake processor Default Core Ultra 5 125U 12 Cores Processor 4.3GHz, 12M Cache
CPU TDP	15W
Memory	2 x DDR5 SO-DIMM Socket (Up to 96G)
Chipset	By CPU
Graphics	Intel Graphics (By CPU)
NPU	Intel AI Boost
LAN Chipset	6 x Intel I226-V 2.5 Gigabit LAN 2 x Intel X540 10 Gigabit LAN 2 x Intel JL82599ES 10 Gigabit SFP+
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 Port (RJ-45)
USB	2 x USB 3.0, 2 x USB 2.0
SIM Card Slot	1
Audio	1 x Mic-in, 1 x Line-out

Rear I/O	
Power	1 x DC Jack
USB	2 x USB 3.0, 1 x USB 4 (Type C)
Video Output	1 x Display Port, 1 x HDMI
LAN	6 x Intel I226-V 2.5 Gigabit LAN 2 x Intel X540 10 Gigabit LAN Max. speed of 12Gbps for both interfaces
SFP+	2 x Intel JL82599ES 10 Gigabit SFP+ Max. speed of 12Gbps for both interfaces

Storage	
Type	1 x 2.5-inch HDD/SSD 2 x M.2 for SSD (M key, Type: 2280)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4) 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 1) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
PCIe	1, PCIe slot (Type: X16, PCIe 5.0 x 8)
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

OS Support	
OS	UEFI Windows 10, UEFI Linux

Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	200 x 200 x 53mm
Weight	1.6kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 120mm
Kensington Lock	Yes
Cooling Mode	Fan

Q31551ST Ultra s15

Qotom Mini PC

Main Features

- Intel Core Ultra 5 125U Meteor Lake Processor
- Intel AI Boost NPU
- Intel Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0, 1 x USB 4
- 2 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I226-V 2.5 Gigabit LAN
- 2 x Intel X550 10 Gigabit LAN
- 2 x Intel X710-BM2 10 Gigabit SFP+

Specifications

Processor System	
CPU	Intel Core Ultra 5 Meteor Lake processor Default Core Ultra 5 125U 12 Cores Processor 4.3GHz, 12M Cache
CPU TDP	15W
Memory	2 x DDR5 SO-DIMM Socket (Up to 96G)
Chipset	By CPU
Graphics	Intel Graphics (By CPU)
NPU	Intel AI Boost
LAN Chipset	6 x Intel I226-V 2.5 Gigabit LAN 2 x Intel X550 10 Gigabit LAN 2 x Intel X710-BM2 10 Gigabit SFP+
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 Port (RJ-45)
USB	2 x USB 3.0, 2 x USB 2.0
SIM Card Slot	1
Audio	1 x Mic-in, 1 x Line-out

Rear I/O	
Power	1 x DC Jack
USB	2 x USB 3.0, 1 x USB 4 (Type C)
Video Output	1 x Display Port, 1 x HDMI
LAN	6 x Intel I226-V 2.5 Gigabit LAN 2 x Intel X550 10 Gigabit LAN
SFP+	2 x Intel X710-BM2 10 Gigabit SFP+

Storage	
Type	1 x 2.5-inch HDD/SSD 2 x M.2 for SSD (M key, Type: 2280)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4) 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 1) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
PCIe	1, PCIe slot (Type: X16, PCIe 5.0 x 8)
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

OS Support	
OS	UEFI Windows 10, UEFI Linux

Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	200 x 200 x 53mm
Weight	1.6kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 120mm
Kensington Lock	Yes
Cooling Mode	Fan

Q31551ST 1U17

Qotom Mini PC

Main Features

- Intel Core Ultra 5 125U Meteor Lake Processor
- Intel AI Boost NPU
- Intel Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0, 1 x USB 4
- 2 x M.2, 1 x SATA 3.0
- 1 x RS-232 (RJ-45)
- 6 x Intel I225-V/I226-V 2.5 Gigabit LAN
- 2 x Intel X540 10 Gigabit LAN
- 2 x Intel JL82599ES 10 Gigabit SFP+

DEMO

Specifications

Processor System	
CPU	Intel Core Ultra 5 Meteor Lake processor Default Core Ultra 5 125U 12 Cores Processor 4.3GHz, 12M Cache
CPU TDP	15W
Memory	2 x DDR5 SO-DIMM Socket (Up to 96G)
Chipset	By CPU
Graphics	Intel Graphics (By CPU)
NPU	Intel AI Boost
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN 2 x Intel X540 10 Gigabit LAN 2 x Intel JL82599ES 10 Gigabit SFP+
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 Port (RJ-45)
USB	2 x USB 3.0, 2 x USB 2.0
SIM Card Slot	1
Audio	1 x Mic-in, 1 x Line-out

Rear I/O	
Power	1 x DC Jack
USB	2 x USB 3.0, 1 x USB 4 (Type C)
Video Output	1 x Display Port, 1 x HDMI
LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN 2 x Intel X540 10 Gigabit LAN Max. speed of 12Gbps for both interfaces
SFP+	2 x Intel JL82599ES 10 Gigabit SFP+ Max. speed of 12Gbps for both interfaces

Storage	
Type	1 x 2.5-inch HDD/SSD 2 x M.2 for SSD (M key, Type: 2280)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4) 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 1) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
PCIe	1, PCIe slot (Type: X16, PCIe 5.0 x 8)
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

OS Support	
OS	UEFI Windows 10, UEFI Linux

Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	200 x 200 x 53mm
Weight	1.6kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 120mm
Kensington Lock	Yes
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q31551GT-S15

Ordering Code	Q31551GT	Q31571GT	Q51551GT	Q51571GT
Case	S15	S15	S15	S15
Code Name	Meteor Lake	Meteor Lake	Meteor Lake	Meteor Lake
Processor Type	Core Ultra 5	Core Ultra 7	Core Ultra 5	Core Ultra 7
Processor Number	125U	155U	125H	155H
Total Cores	12	12	14	16
# of Performance-cores	2	2	4	6
# of Efficient-cores	8	8	8	8
# of Low Power Efficient-cores	2	2	2	2
# of Threads	14	14	18	22
Max Turbo Frequency	4.30 GHz	4.80 GHz	4.50 GHz	4.80 GHz
Intel® Turbo Boost Max Technology 3.0 Frequency				4.80 GHz
Performance-core Max Turbo Frequency	4.30 GHz	4.80 GHz	4.50 GHz	4.80 GHz
Efficient-core Max Turbo Frequency	3.60 GHz	3.80 GHz	3.60 GHz	3.80 GHz
Low Power Efficient-core Max Turbo Frequency	2.10 GHz	2.10 GHz	2.50 GHz	2.50 GHz
Performance-core Base Frequency	1.30 GHz	1.70 GHz	1.20 GHz	1.40 GHz
Efficient-core Base Frequency	800 MHz	1.20 GHz	700 MHz	900 MHz
Low Power Efficient-core Base Frequency	700 MHz	700 MHz	700 MHz	700 MHz
Cache	12M	12M	18M	24M
Processor Graphics	Intel Graphics	Intel Graphics	Intel Arc graphics	Intel Arc graphics
10G SFP+	JL82599ES	JL82599ES	JL82599ES	JL82599ES
10G RJ45	JLX540-AT2 JLX540-BT2	JLX540-AT2 JLX540-BT2	JLX540-AT2 JLX540-BT2	JLX540-AT2 JLX540-BT2

Custom Options

Category	Description
TPM 2.0	1 (Z32H330TC)

Ordering and Specifications Information

Quick Order Model: Q31551GT-S15

Ordering Code	Q31551ST	Q31571ST	Q51551ST	Q51571ST
Case	S15	S15	S15	S15
Code Name	Meteor Lake	Meteor Lake	Meteor Lake	Meteor Lake
Processor Type	Core Ultra 5	Core Ultra 7	Core Ultra 5	Core Ultra 7
Processor Number	125U	155U	125H	155H
Total Cores	12	12	14	16
# of Performance-cores	2	2	4	6
# of Efficient-cores	8	8	8	8
# of Low Power Efficient-cores	2	2	2	2
# of Threads	14	14	18	22
Max Turbo Frequency	4.30 GHz	4.80 GHz	4.50 GHz	4.80 GHz
Intel® Turbo Boost Max Technology 3.0 Frequency				4.80 GHz
Performance-core Max Turbo Frequency	4.30 GHz	4.80 GHz	4.50 GHz	4.80 GHz
Efficient-core Max Turbo Frequency	3.60 GHz	3.80 GHz	3.60 GHz	3.80 GHz
Low Power Efficient-core Max Turbo Frequency	2.10 GHz	2.10 GHz	2.50 GHz	2.50 GHz
Performance-core Base Frequency	1.30 GHz	1.70 GHz	1.20 GHz	1.40 GHz
Efficient-core Base Frequency	800 MHz	1.20 GHz	700 MHz	900 MHz
Low Power Efficient-core Base Frequency	700 MHz	700 MHz	700 MHz	700 MHz
Cache	12M	12M	18M	24M
Processor Graphics	Intel Graphics	Intel Graphics	Intel Arc graphics	Intel Arc graphics
10G SFP+	FTX710-BM2	FTX710-BM2	FTX710-BM2	FTX710-BM2
10G RJ45	ELX550-BT2	ELX550-BT2	ELX550-BT2	ELX550-BT2

Custom Options

Category	Description
TPM 2.0	1 (Z32H330TC)



Q600G6 S09

Qotom Mini PC

Main Features

- Supports Intel 7th & 6th Gen Processor (LGA1151) with Intel B150 Chipset
- 2 x DDR4 2133 MHz SO-DIMM Up to 32GB
- Intel HD Graphics
- 1 x HDMI, 2 x USB 3.0, 2 x M.2, 1 x SATA 3.0
- 6 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel 6 th Gen Skylake-S LGA1151 Processor Intel 7 th Gen Kaby Lake-S LGA1151 Processor Intel 8 th 9 th Gen Coffee Lake-S LGA1151 Processor
CPU TDP	35W/51W/65W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G, 2133MHz)
Chipset	Intel B150
Graphics	Intel HD Graphics (By CPU)
LAN Chipset	6 x Intel I211-AT/I210-AT Gigabit LAN
Audio	No
Watch Dog	Yes
Front I/O	
Power Button	1
USB	2 x USB 3.0
LED	1 x Power LED, 1 x HDD LED
Serial Port	0
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI
LED	1 x Power LED
LAN	6 x Intel I211-AT/I210-AT Gigabit LAN
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement	
Power Adapter	12V5A/12V7A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	164 x 164 x 61mm
Weight	1.21kg
Mounting	No
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q650G6-S09

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q610G6	S09	Skylake	Celeron	G3900	2	2	2.8GHz	/	2M	Intel HD 510
Q620G6	S09	Skylake	Pentium	G4500	2	2	3.5GHz	/	3M	Intel HD 530
Q630G6	S09	Skylake	Core i3	6100	2	4	3.7GHz	/	3M	Intel HD 530
Q650G6	S09	Skylake	Core i5	6400	4	4	2.7GHz	3.3GHz	6M	Intel HD 530
Q615G6	S09	Kaby Lake	Celeron	G3930	2	2	2.9GHz	/	2M	Intel HD 610
Q625G6	S09	Kaby Lake	Pentium	G4560	2	4	3.5GHz	/	3M	Intel HD 610
Q635G6	S09	Kaby Lake	Core i3	7100	2	4	3.9GHz	/	3M	Intel HD 630
Q655G6	S09	Kaby Lake	Core i5	7500	4	4	3.4GHz	3.8GHz	6M	Intel HD 630
Q70811G6	S09	Coffee Lake	Celeron	G4900	2	2	3.1GHz	/	2M	Intel® UHD Graphics 610
Q70821G6	S09	Coffee Lake	Pentium	G5400	2	4	3.7GHz	/	4M	Intel® UHD Graphics 610
Q70831G6	S09	Coffee Lake	Core i3	8100	4	4	3.6GHz	/	6M	Intel® UHD Graphics 630
Q70851G6	S09	Coffee Lake	Core i5	8400	6	6	2.9GHz	4.1GHz	9M	Intel® UHD Graphics 630
Q70911G6	S09	Coffee Lake	Celeron	G4930	2	2	3.2GHz	/	2M	Intel® UHD Graphics 610
Q70921G6	S09	Coffee Lake	Pentium	G5420	2	4	3.8GHz	/	4M	Intel® UHD Graphics 610
Q70931G6	S09	Coffee Lake	Core i3	9100	4	4	3.6GHz	4.2GHz	6M	Intel® UHD Graphics 630
Q70951G6	S09	Coffee Lake	Core i5	9400	6	6	2.9GHz	4.1GHz	9M	Intel® UHD Graphics 630

Custom Options

Category	Description
USB 2.0	8
GPIO	1
RS-485	2
VGA	1
Audio	2
TPM 2.0	1



Q71200G6 S15

Qotom Mini PC

Main Features

- Intel 12th & 13th Gen Processor 65W (LGA1700) with Intel H610 Chipset
- 2 x DDR4 3200 MHz SO-DIMM Up to 64GB
- Intel UHD Graphics 730
- 1 x Display Port, 1 x HDMI
- 2 x USB 2.0, 3 x M.2, 2 x SATA 3.0
- 6 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 12 th Gen Alder Lake-S LGA1700 Processor Intel 13 th Gen Raptor Lake-S LGA1700 Processor
CPU TDP	65W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G)
Chipset	Intel H610
Graphics	Intel UHD Graphics (By CPU)
LAN Chipset	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	No
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	0
USB	2 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI
LAN	6 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	0
Audio	0
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
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OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
Serial Port	0

Power Requirement

Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	200 x 200 x 53mm
Weight	1.6kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 120mm
Kensington Lock	Yes
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q71231G6-S15

Ordering Code	Q71211G6	Q71221G6	Q71231G6	Q71251G6	Q71271G6
Case	S15	S15	S15	S15	S15
Code Name	Alder Lake S	Alder Lake S	Alder Lake S	Alder Lake S	Alder Lake S
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number	G6900	G7400	12100	12400	12700
Total Cores	2	2	4	6	12
# of Performance-cores	2	2	4	6	8
# of Efficient-cores					4
# of Threads	2	4	8	12	20
Max Turbo Frequency			4.30 GHz	4.40 GHz	4.80 GHz
Performance-core Base Frequency	3.40 GHz	3.70 GHz	3.30 GHz	2.50 GHz	2.10 GHz
Performance-core Max Turbo Frequency	-	-	4.30 GHz	4.40 GHz	4.80 GHz
Efficient-core Base Frequency					1.60 GHz
Efficient-core Max Turbo Frequency					3.60 GHz
Cache	4M	6M	12M	18M	25M
Processor Graphics	Intel UHD Graphics 710	Intel UHD Graphics 710	Intel UHD Graphics 730	Intel UHD Graphics 730	Intel UHD Graphics 770

Ordering Code	Q71311G6	Q71321G6	Q71331G6	Q71351G6	Q71371G6
Case	S15	S15	S15	S15	S15
Code Name	Raptor Lake S	Raptor Lake S	Raptor Lake S	Raptor Lake S	Raptor Lake S
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number			13100	13400	13700
Total Cores			4	10	16
# of Performance-cores			4	6	8
# of Efficient-cores				4	8
# of Threads			8	16	24
Max Turbo Frequency			4.50 GHz	4.60 GHz	5.10 GHz
Performance-core Base Frequency			3.40 GHz	2.50 GHz	2.10 GHz
Performance-core Max Turbo Frequency			4.50 GHz	4.60 GHz	5.10 GHz
Efficient-core Base Frequency					1.50 GHz
Efficient-core Max Turbo Frequency					4.10 GHz
Cache			12M	20M	30M
Processor Graphics			Intel UHD Graphics 730	Intel UHD Graphics 730	Intel UHD Graphics 770

Ordering and Specifications Information

Quick Order Model: Q71231G6-S15

Custom Options

Category	Description
USB 3.0	4
USB 2.0	2
Serial Port	6 x RS-232
RS-485	2
VGA	1
Audio	2
TPM 2.0	1 (SLB9670)

Regular Series

NO.	Series	Code Name	Default CPU	Page NO.	LAN Ports	Serial Ports	5G	Remark
1	Q190N	Bay Trail	J1900	146	1	1		
2	Q190S	Bay Trail	J1900	151	2	1		
3	Q190SE	Bay Trail	J1900	156	2	1		
4	Q170S	Braswell	J3710	159	2	1		
5	Q177S	Braswell	J3710	163	2	1		
6	Q730S	Gemini Lake Gemini Lake-R	J4105	166	2	1		
7	Q730C	Gemini Lake Gemini Lake-R	J4105	169	1	2		
8	Q10722C	Jasper Lake	N5105	172	2	2	Yes	New
9	Q790C	Elkhart Lake	J6412	174	2	2	Yes	
10	Q10922C	Alder Lake-N	N100	176	2	2	Yes	New
11	Q107N	Ivy Bridge	1007U	178	1	1		
12	Q107S	Ivy Bridge	1007U	183	2	1		
13	Q335S	Haswell Broadwell	5005U	188	2	0		
14	Q435S	Haswell Broadwell	5005U	190	2	1		
15	Q30531S	Haswell Broadwell	5005U	193	2	1		
16	Q535S	Skylake Kaby Lake	7100U	196	2	1		
17	Q30651C	Skylake Kaby Lake Kaby Lake-R	6200U	199	2	1		
18	Q30912S	Whiskey Lake Coffee Lake Comet Lake	4305U	203	2	1	Yes	
19	Q31231C	Alder Lake-P	1215U	205	2	2	Yes	New
20	Q600S	Skylake-S Kaby Lake-S	H110	210	2	0		
21	Q71200S	Alder Lake-S Raptor Lake-S	H610	212	2	0	Yes	New
22	Q10531N	Gemini Lake	J5005	216	1	0		New



Q190N S01

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 4 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 126 x 36mm
Weight	0.67kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fanless Design

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Q190N S02

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	134 x 127 x 46mm
Weight	0.72kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Q190N S07

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 4 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0
Storage	
Type	1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Q190N S08

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.88kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Ordering and Specifications Information

Quick Order Model: Q190N-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q180N	S01	Bay trail	Celeron	J1800	2	2	2.41Ghz	2.58Ghz	1M	Intel HD Graphics
Q190N	S01	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics
Q192N	S01	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.0Ghz	2M	Intel HD Graphics

PC Case Options

Category	SATA Support
S01	-
S02	Yes
S07	-
S08	Yes

Custom Options

Category	Description
USB 2.0	1
LAN	1
Serial Port	3 x RS-232



Q190S S01

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 3 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0
Storage	
Type	1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	134 x 126 x 36mm
Weight	0.67kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fanless Design

OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux



Q190S S02

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 127 x 46mm
Weight	0.73kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fanless Design

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Q190S S07

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 3 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Q190S S08

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 3 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232 (COM1)
USB	1 x USB 3.0, 3 x USB 2.0
Audio	1 (Mic-in)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
CMOS Clear Jumper	No
GPIO	No
VGA	0
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.88kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Ordering and Specifications Information

Quick Order Model: Q190S-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q180S	S01	Bay trail	Celeron	J1800	2	2	2.41Ghz	2.58Ghz	1M	Intel HD Graphics
Q190S	S01	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics
Q192S	S01	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.0Ghz	2M	Intel HD Graphics

PC Case Options

Category	SATA Support
S01	-
S02	Yes
S07	-
S08	Yes

Custom Options

Category	Description
USB 2.0	2
Serial Port	3 x RS-232



Q190SE S04

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 7 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
LED	1 x HDD LED
Serial Port	1 x RS-232 (Supports 5V/12V)
USB	6 x USB 2.0
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x Mini PCIe for mSATA SSD 1 x 2.5-inch HDD/SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.77kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Q190SE S06

Qotom Mini PC

Main Features

- Intel Celeron J1900 Bay Trail Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 1 x USB 3.0, 7 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Bay Trail Processor Default Celeron J1900 Quad Cores Processor 2.0GHz, up to 2.42GHz, 2M Cache
CPU TDP	10W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
LED	1 x HDD LED
Serial Port	1 x RS-232 (Supports 5V/12V)
USB	6 x USB 2.0
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	1 x USB 3.0, 1 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full Length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	182 x 111 x 38mm
Weight	0.67kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Ordering and Specifications Information

Quick Order Model: Q190SE-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q190SE	S04	Bay trail	Celeron	J1900	4	4	2.00Ghz	2.42Ghz	2M	Intel HD Graphics
Q192SE	S04	Bay trail	Celeron	N2920	4	4	1.86Ghz	2.0Ghz	2M	Intel HD Graphics
Q180SE	S04	Bay trail	Celeron	J1800	2	2	2.41Ghz	2.58Ghz	1M	Intel HD Graphics

PC Case Options

Category	SATA Support
S04	Yes
S06	-

Custom Options

Category	Description
GPIO	1
PS/2	2
LPT	1
USB 2.0	1
Serial Port	6 x RS-232



Q170S S07

Qotom Mini PC

Main Features

- Intel Pentium J3710 Braswell Processor
- Intel HD Graphics
- 2 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Braswell Processor Default Pentium J3710 Quad Cores Processor 1.6GHz, up to 2.64GHz, 2M Cache
CPU TDP	6W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O	
Power Button	1
LED	1 x Power LED
IR	0
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out
VGA	0
Serial Port	0

Storage	
Type	1 x Mini PCIe for mSATA SSD

OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	1, 2 x 5Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.78kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q170S S08

Qotom Mini PC

Main Features

- Intel Pentium J3710 Braswell Processor
- Intel HD Graphics
- 2 x HDMI
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Braswell Processor Default Pentium J3710 Quad Cores Processor 1.6GHz, up to 2.64GHz, 2M Cache
CPU TDP	6W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
IR	0
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out
VGA	0
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	1, 2 x 5Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.88kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q170P S08

Qotom Mini PC

Main Features

- Intel Pentium J3710 Braswell Processor
- Intel HD Graphics
- 1 x VGA, 2 x HDMI, 1 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Braswell Processor Default Pentium J3710 Quad Cores Processor 1.6GHz, up to 2.64GHz, 2M Cache
CPU TDP	6W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O	
Power Button	1
LED	1 x Power LED
IR	0
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out
VGA	1
Serial Port	1 x RS-232 (COM1)

Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD

OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	1, 2 x 5Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.90kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q170S-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	SATA Support
Q106S	S07	Braswell	Celeron	N3060	2	2	1.6Ghz	2.48Ghz	2M	Intel HD Graphics	
Q150S	S07	Braswell	Celeron	N3160	4	4	1.6Ghz	2.24Ghz	2M	Intel HD Graphics	
Q170S	S07	Braswell	Pentium	J3710	4	4	1.6Ghz	2.64Ghz	2M	Intel HD Graphics	
Q150P	S08	Braswell	Celeron	N3160	4	4	1.6Ghz	2.24Ghz	2M	Intel HD Graphics	Yes
Q170P	S08	Braswell	Pentium	J3710	4	4	1.6Ghz	2.64Ghz	2M	Intel HD Graphics	Yes

Custom Options

Category	Description
GPIO	1
IR	1
USB 2.0	1
Serial Port	1 x RS-232
VGA	1



Q177S S01

Qotom Mini PC

Main Features

- Intel Pentium J3710 Braswell Processor
- Intel HD Graphics
- 1 x Display Port, 2 x HDMI, 1 x RS-232
- 4 x USB 3.0, 2 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA, 1 x M.2
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Braswell Processor Default Pentium J3710 Quad Cores Processor 1.6GHz, up to 2.64GHz, 2M Cache
CPU TDP	6W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 (COM1)
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI
Video Output	1 x Display Port
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 (Mic-in, Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7 x64, Windows 8, Windows 10, Linux
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2 Slot	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 126 x 36mm
Weight	0.77kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q177S S08

Qotom Mini PC

Main Features

- Intel Pentium J3710 Braswell Processor
- Intel HD Graphics
- 1 x Display Port, 2 x HDMI, 1 x RS-232
- 4 x USB 3.0, 2 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA, 1 x M.2
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Braswell Processor Default Pentium J3710 Quad Cores Processor 1.6GHz, up to 2.64GHz, 2M Cache
CPU TDP	6W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 (COM1)
USB	2 x USB 3.0, 2 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI
Video Output	1 x Display Port
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 (Mic-in, Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
------	-----------------------------

OS Support

OS	Windows 7 x64, Windows 8, Windows 10, Linux
----	---

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2 Slot	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.93kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q1775-S01

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q161S	S01	Braswell	Celeron	N3060	2	2	1.6Ghz	2.48Ghz	2M	Intel HD Graphics
Q160S	S01	Braswell	Celeron	N3160	4	4	1.6Ghz	2.24Ghz	2M	Intel HD Graphics
Q177S	S01	Braswell	Pentium	J3710	4	4	1.6Ghz	2.64Ghz	2M	Intel HD Graphics

Custom Options

Category	Description
GPIO	1
Serial Port	3 x RS-232



Q730S S08

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI, 1 x Display Port, 1 x RS-232
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232
USB	2 x USB 2.0, 2 x USB 3.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 10, Linux
----	-------------------

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q730S S07

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI, 1 x Display Port, 1 x RS-232
- 4 x USB 3.0, 2 x USB 2.0
- 1 x M.2, 1 x mSATA, 1 x Mini PCIe
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232
USB	2 x USB 2.0, 2 x USB 3.0

Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
USB	2 x USB 3.0
LAN	2 x Realtek Gigabit LAN
Audio	1 x Mic-in, 1 x Line-out

Storage	
Type	1 x Mini PCIe for mSATA SSD

OS Support	
OS	Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.72kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q730S-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	SATA Support
Q730S	S08	Gemini Lake	Celeron	J4105	4	4	1.5GHz	2.5GHz	4M	Intel UHD Graphics 600	Yes
Q750S	S08	Gemini Lake Refresh	Celeron	J4125	4	4	2.0GHz	2.7GHz	4M	Intel UHD Graphics 600	Yes

PC Case Options

Category	SATA Support
S07	-
S08	Yes

Custom Options

Category	Description
GPIO	1
USB 2.0	3
VGA	1
RS-485	2
Serial Port	3 x RS-232



Q730C s11

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI, 2 x RS-232
- 2 x USB 3.0, 2 x USB 2.0
- 1 x M.2, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	4GB, Integrated (Up to 8G)
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	2 x RS-232 (Support RS-485)

Rear I/O

Power	1 x DC Jack
USB	2 x USB 2.0, 2 x USB 3.0
LAN	1 x Realtek Gigabit LAN
Video Output	1 x HDMI
Audio	1 (Mic-in, Line-out)

Storage

Type	1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 10, Linux
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
EDP	1
Front Audio	1, 2 x 5Pin, Pitch 2.0mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	136 x 77 x 40mm
Weight	0.41kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design by Default, Fan-assisted Cooling



Q730N S11

Qotom Mini PC

Main Features

- Intel Celeron J4105 Gemini Lake Processor
- Intel UHD Graphics 600
- 1 x HDMI
- 2 x USB 3.0, 2 x USB 2.0
- 1 x M.2, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Gemini Lake Processor Default Celeron J4105 Quad Cores Processor 1.5GHz, up to 2.5GHz, 4M Cache
CPU TDP	10W
Memory	4GB, Integrated (Up to 8G)
Chipset	By CPU
Graphics	Intel UHD Graphics 600
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	0
Rear I/O	
Power	1 x DC Jack
USB	2 x USB 2.0, 2 x USB 3.0
LAN	1 x Realtek Gigabit LAN
Video Output	1 x HDMI
Audio	1 (Mic-in, Line-out)
Storage	
Type	1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
EDP	1
Front Audio	1, 2 x 5Pin, Pitch 2.0mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	136 x 77 x 40mm
Weight	0.41kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design by Default, Fan-assisted Cooling

Ordering and Specifications Information

Quick Order Model: Q730C-S11

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q730C	S11	Gemini Lake	Celeron	J4105	4	4	1.5GHz	2.5GHz	4M	Intel UHD Graphics 600
Q750C	S11	Gemini Lake Refresh	Celeron	J4125	4	4	2.0GHz	2.7GHz	4M	Intel UHD Graphics 600
Q730N	S11	Gemini Lake	Celeron	J4105	4	4	1.5GHz	2.5GHz	4M	Intel UHD Graphics 600
Q750N	S11	Gemini Lake Refresh	Celeron	J4125	4	4	2.0GHz	2.7GHz	4M	Intel UHD Graphics 600

Custom Options

Category	Description
EDP	1
GPIO	1
Serial Port	1 x RS-232 (COM1/COM2 Support 5V/12V)
RS-485	2, COM1/2 can be set up as RS-485



Q10722C_{S08}

Qotom Mini PC

Main Features

- Intel Celeron N5105 Jasper Lake Processor
- Intel UHD Graphics
- 1 x HDMI, 1 x Display Port
- 2 x RS-232
- 2 x USB 3.0, 4 x USB 2.0, 1 x Type C
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Jasper Lake Processor Default Celeron N5105 Quad Cores Processor 2.0GHz, up to 2.9GHz, 4M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485, Support 5V/12V)
USB	2 x USB3.0, 1 x Type C (USB 3.0)

Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x Display Port
USB	4 x USB 2.0
LAN	2 x Realtek Gigabit LAN
Audio	1 (Mic-in, Line-out)

Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)

OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.87kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q10722C-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q10711C	S08	Jasper Lake	Celeron	N4500	2	2	1.1GHz	2.8GHz	4M	Intel UHD Graphics
Q10712C	S08	Jasper Lake	Celeron	N4505	2	2	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10721C	S08	Jasper Lake	Celeron	N5100	4	4	1.1GHz	2.8GHz	4M	Intel UHD Graphics
Q10722C	S08	Jasper Lake	Celeron	N5105	4	4	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10723C	S08	Jasper Lake	Celeron	N5095	4	4	2.0GHz	2.9GHz	4M	Intel UHD Graphics
Q10731C	S08	Jasper Lake	Pentium	N6000	4	4	1.1GHz	3.0GHz	4M	Intel UHD Graphics
Q10732C	S08	Jasper Lake	Pentium	N6005	4	4	2.0GHz	3.3GHz	4M	Intel UHD Graphics

Custom Options

Category	Description

Q790C S04

Qotom Mini PC

Main Features

- Intel Celeron J6412 Elkhart Lake Processor
- Intel UHD Graphics
- 1 x HDMI
- 2 x USB 3.0, 6 x USB 2.0, 2 x RS-232
- 2 x M.2, 1 x mSATA, 1 x SATA3.0
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel Elkhart Lake Processor Default Celeron J6412 Quad Cores Processor 2.0Ghz, up to 2.6GHz, 1.5M Cache
CPU TDP	10W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
Phoenix	1 x 2Pin
LAN	2 x Realtek Gigabit LAN
Display	1 x HDMI
USB	4 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
mSATA	1 x mSATA for SSD
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.78kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q790C-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q780C	S04	Elkhart Lake	Celeron	N6210	2	2	1.20Ghz	2.6Ghz	1.5M	Intel UHD Graphics
Q790C	S04	Elkhart Lake	Celeron	J6412	4	4	2.00Ghz	2.60Ghz	1.5M	Intel UHD Graphics

Custom Options

Category	Description
VGA	1
Serial Port	4 x RS-232
GPIO	1
PS/2	2

Q10922C S04

Qotom Mini PC

Main Features

- Intel N100 Alder Lake-N Processor
- Intel UHD Graphics
- 2 x HDMI
- 2 x USB 3.0, 6 x USB 2.0, 2 x RS-232
- 3 x M.2, 1 x SATA 3.0
- 2 x Realtek 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel Alder Lake-N Processor Default N100 Quad Cores Processor up to 3.4GHz, 6M Cache
CPU TDP	6W
Memory	1 x DDR5 SO-DIMM Socket (Up to 16G)
Chipset	By CPU
Graphics	Intel UHD Graphics
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
GPIO	0
PS/2	0
USB	2 x USB 2.0, 2 x USB 3.0
Serial Port	2 x RS-232 (COM1/2 can be set up as RS-485)
Rear I/O	
Power	1 x DC Jack
LAN	2 x Realtek 2.5 Gigabit LAN
USB	4 x USB 2.0
Display	2 x HDMI
Serial Port	0
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD
	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280, PCIe 3.0 x 1)
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Mode Requires Customization
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
GPIO	1, 2 x 5Pin, Pitch 2.0mm
VGA	0
Serial Port	0
SIM Card Slot	1
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	178 x 111 x 52mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q10922C-S04

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics	TDP
Q10911C	S04	Alder lake-N	-	N50	2	-	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10921C	S04	Alder lake-N	-	N97	4	-	-	3.6GHz	6M	Intel UHD Graphics	12W
Q10922C	S04	Alder lake-N	-	N100	4	4	-	3.4GHz	6M	Intel UHD Graphics	6W
Q10923C	S04	Alder lake-N	-	N200	4	4	-	3.7GHz	6M	Intel UHD Graphics	6W
Q10931C	S04	Alder lake-N	Core i3	N300	8	8	-	3.8GHz	6M	Intel UHD Graphics	7W
Q10932C	S04	Alder lake-N	Core i3	N305	8	8	-	3.8GHz	6M	Intel UHD Graphics	15W

Custom Options

Category	Description



Q107N S01

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 5 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	HM65
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 126 x 36mm
Weight	0.64kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fan

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Q107N S02

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 5 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	HM65
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 127 x 46mm
Weight	0.69kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fan

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Q107N S07

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 5 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	HM65
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.78kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Q107N S08

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 5 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	HM65
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
------	---

Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Ordering and Specifications Information

Quick Order Model: Q107N-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q107N	S01	Ivy Bridge	Celeron	1007U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q100N	S01	Ivy Bridge	Celeron	1037U	2	2	1.8GHz	/	2M	Intel HD Graphics
Q210N	S01	Ivy Bridge	Core i3	3217U	2	4	1.8GHz	/	3M	Intel HD Graphics 4000
Q220N	S01	Ivy Bridge	Core i5	3317U	2	4	1.7GHz	2.6GHz	3M	Intel HD Graphics 4000

PC Case Options

Category	SATA Support
S01	-
S02	Yes
S07	-
S08	Yes

Custom Options

Category	Description
USB 2.0	2
LAN	1
LVDS	1



Q107S S01

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 4 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	NM65
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 126 x 36mm
Weight	0.64kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fan

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Q107S S02

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	NM65
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	134 x 127 x 46mm
Weight	0.70kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fan

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Q107S S07

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 4 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	NM65
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 36mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Q107S S08

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI, 1 x RS-232
- 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	NM65
Graphics	Intel HD Graphics
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No

Front I/O

Power Button	1
LED	1 x Power LED
Serial Port	1 x RS-232
USB	4 x USB 2.0
Audio	1 (Mic-in)

Rear I/O

Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	0
Audio	1 (Line-out)
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
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Expansion

mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	No
VGA	0
GPIO	No
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.85kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless

OS Support

OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux
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Ordering and Specifications Information

Quick Order Model: Q1075-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q107S	S01	Ivy Bridge	Celeron	1007U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q100S	S01	Ivy Bridge	Celeron	1037U	2	2	1.8GHz	/	2M	Intel HD Graphics
Q210S	S01	Ivy Bridge	Core i3	3217U	2	4	1.8GHz	/	3M	Intel HD Graphics 4000
Q220S	S01	Ivy Bridge	Core i5	3317U	2	4	1.7GHz	2.6GHz	3M	Intel HD Graphics 4000

PC Case Options

Category	SATA Support
S01	-
S02	Yes
S07	-
S08	Yes

Custom Options

Category	Description
USB 2.0	3
LVDS	1

Q335S S05

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 2 x HDMI
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x mSATA
- 2 x Intel I211-AT/I210-AT Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Intel I211-AT/I210-AT Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	0
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Intel I211-AT/I210-AT Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm

Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	187 x 111 x 49mm
Weight	1.04kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q335S-S05

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q301S	S05	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q330S	S05	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q350S	S05	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q370S	S05	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q330SY	S05	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q350SY	S05	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q305S	S05	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q310S	S05	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q320S	S05	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q335S	S05	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q355S	S05	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q375S	S05	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

Custom Options

Category	Description
USB 2.0	4
GPIO	1
VGA	1
RS-485	1
SATA	1 (Only for Core i5/i7)
Serial Port	6 x RS-232



Q435S S08

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 2 x HDMI
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 2 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	0
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Mini PCIe, Full-length for SSD
Mini PCIe	1 x Mini PCIe, Half-length for Wi-Fi
Mini PCIe	1 x Mini PCIe, Full-length for 4G
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.92kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q435S S03

Qotom Mini PC



Main Features

Intel Core i3-5005U Broadwell Processor

- Intel HD Graphics 5500
- 2 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 2 x Mini PCIe, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	0

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Expansion

mSATA	1 x Mini PCIe, Full-length for SSD
Mini PCIe	1 x Mini PCIe, Half-length for Wi-Fi
Mini PCIe	1 x Mini PCIe, Full-length for 4G
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	166 x 130 x 35mm
Weight	0.67kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q435S-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q401S	S08	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q430S	S08	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q450S	S08	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q470S	S08	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q430SY	S08	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q450SY	S08	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q405S	S08	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q410S	S08	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q420S	S08	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q435S	S08	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q455S	S08	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q475S	S08	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

PC Case Options

Category	SATA Support
S03	-
S08	Yes

Custom Options

Category	Description
USB 2.0	3
GPIO	1
LVDS	1
Serial Port	4 x RS-232



Q30531S S08

Qotom Mini PC

Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 2 x HDMI
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 1 x M.2, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	0
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x Mini PCIe for mSATA SSD
OS Support	
OS	Windows 7, Windows 8, Windows 10, Linux

Expansion	
mSATA	1 x Mini PCIe, Full-length for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.92kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30531S S03

Qotom Mini PC



Main Features

- Intel Core i3-5005U Broadwell Processor
- Intel HD Graphics 5500
- 2 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 1 x Mini PCIe, 1 x M.2, 1 x mSATA
- 2 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 5 th Gen Broadwell Processor Default Core i3-5005U Dual Cores Processor 2.0GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR3L SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 5500
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	0

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0

Storage

Type	1 x Mini PCIe for mSATA SSD
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OS Support

OS	Windows 7, Windows 8, Windows 10, Linux
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Expansion

mSATA	1 x Mini PCIe, Full-length for SSD
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	No

Power Requirement

Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	166 x 130 x 35mm
Weight	0.67kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q30531S-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30411S	S08	Haswell	Celeron	2955U	2	2	1.4GHz	/	2M	Intel HD Graphics
Q30431S	S08	Haswell	Core i3	4005U	2	4	1.7GHz	/	3M	Intel HD 4400
Q30451S	S08	Haswell	Core i5	4200U	2	4	1.6GHz	2.6GHz	3M	Intel HD 4400
Q30471S	S08	Haswell	Core i7	4500U	2	4	1.8GHz	3.0GHz	4M	Intel HD 4400
Q30432S	S08	Haswell	Core i3	4010Y	2	4	1.3GHz	/	3M	Intel HD 4200
Q30452S	S08	Haswell	Core i5	4200Y	2	4	1.4GHz	1.9GHz	3M	Intel HD 4200
Q30511S	S08	Broadwell	Celeron	3205U	2	2	1.5GHz	/	2M	Intel HD Graphics
Q30512S	S08	Broadwell	Celeron	3215U	2	2	1.7GHz	/	2M	Intel HD Graphics
Q30521S	S08	Broadwell	Pentium	3805U	2	2	1.9GHz	/	2M	Intel HD Graphics
Q30531S	S08	Broadwell	Core i3	5005U	2	4	2.0GHz	/	3M	Intel HD 5500
Q30551S	S08	Broadwell	Core i5	5200U	2	4	2.2GHz	2.7GHz	3M	Intel HD 5500
Q30571S	S08	Broadwell	Core i7	5500U	2	4	2.4GHz	3.0GHz	4M	Intel HD 5500

PC Case Options

Category	SATA Support
S03	-
S08	Yes

Custom Options

Category	Description
USB 2.0	3
GPIO	1
LVDS	1
Serial Port	4 x RS-232



Q535S S02

Qotom Mini PC

Main Features

- Intel Core i3-7100U KabyLake Processor
- Intel HD Graphics 620
- 2 x HDMI,
- 4 x USB 3.0, 2 x USB 2.0, 1 x SATA 3.0
- 2 x M.2 Slot
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 7 th Gen Kaby lake Processor Default Core i3-7100U Dual Cores Processor 2.4GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	1 x RS-232 (COM1)
USB	2 x USB 3.0, 2 x USB 2.0
Audio	0
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M.key, Type: 2280)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	0
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	134 x 127 x 46mm
Weight	0.70kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	With Fan
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Q535S s12

Qotom Mini PC

Main Features

- Intel Core i3-7100U KabyLake Processor
- Intel HD Graphics 620
- 2 x HDMI,
- 4 x USB 3.0, 2 x USB 2.0
- 2 x M.2 Slot
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 7 th Gen Kaby lake Processor Default Core i3-7100U Dual Cores Processor 2.4GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 620
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
Serial Port	0
USB	2 x USB 3.0, 2 x USB 2.0
Audio	0
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x M.2 Slot for NVMe SSD (M key, Type: 2280)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	0
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
VGA	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	128 x 128 x 32mm
Weight	0.62kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	With Fan
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Ordering and Specifications Information

Quick Order Model: Q535S-S02

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q510S	S02	Skylake	Celeron	3855U	2	2	1.6GHz	/	2M	Intel HD 510
Q520S	S02	Skylake	Celeron	3955U	2	2	2.0GHz	/	2M	Intel HD 510
Q530S	S02	Skylake	Core i3	6100U	2	4	2.3GHz	/	3M	Intel HD 520
Q550S	S02	Skylake	Core i5	6200U	2	4	2.3GHz	2.8GHz	3M	Intel HD 520
Q570S	S02	Skylake	Core i7	6500U	2	4	2.5GHz	3.1GHz	4M	Intel HD 520
Q515S	S02	Kaby Lake	Celeron	3865U	2	2	1.8GHz	/	2M	Intel HD 610
Q525S	S02	Kaby Lake	Celeron	3965U	2	2	2.2GHz	/	2M	Intel HD 610
Q535S	S02	Kaby Lake	Core i3	7100U	2	4	2.4GHz	/	3M	Intel HD 620
Q555S	S02	Kaby Lake	Core i5	7200U	2	4	2.5GHz	3.1GHz	3M	Intel HD 620
Q575S	S02	Kaby Lake	Core i7	7500U	2	4	2.7GHz	3.5GHz	4M	Intel HD 620

PC Case Options

Category	SATA Support
S02	Yes
S12	-

Custom Options

Category	Description
USB 2.0	3
GPIO	1
VGA	1
Serial Port	3 x RS-232
TPM 2.0	1

Q30651C s13

Qotom Mini PC

Main Features

- Intel Core i5-6200U Skylake Processor
- Intel HD Graphics 520
- 1 x VGA, 2 x HDMI, 1 x RS-232
- 4 x USB 3.0, 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 2 x M.2
- 2 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 6 th Gen Skylake Processor Default Core i5-6200U Dual Cores Processor 2.3GHz, up to 2.8GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 520
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Serial Port	1 x RS-232
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement	
Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.25kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q30651C s10

Qotom Mini PC

Main Features

- Intel Core i5-6200U Skylake Processor
- Intel HD Graphics 520
- 1 x VGA, 2 x HDMI, 1 x RS-232
- 4 x USB 3.0, 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 2 x M.2
- 2 X Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel 6 th Gen Skylake Processor Default Core i5-6200U Dual Cores Processor 2.3GHz, up to 2.8GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 520
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Serial Port	1 x RS-232

Rear I/O

Power	1 x DC Jack
Video Output	2 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
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OS Support

OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)
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Expansion

Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement

Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.42kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q30651C S20

Qotom Mini PC

Main Features

- Intel Core i5-6200U Skylake Processor
- Intel HD Graphics 520
- 1 x VGA, 2 x HDMI, 1 x RS-232
- 4 x USB 3.0, 4 x USB 2.0, 1 x SATA 3.0
- 1 x Mini PCIe, 2 x M.2
- 2 X Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 6 th Gen Skylake Processor Default Core i5-6200U Dual Cores Processor 2.3GHz, up to 2.8GHz, 3M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel HD Graphics 520
LAN Chipset	2 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 4 x USB 2.0
Serial Port	1 x RS-232
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI, 1 x VGA
LAN	2 x Realtek Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
Serial Port	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement	
Power Adapter	12V5A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.42kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q30651C-S13

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30611C	S13	Skylake	Celeron	3855U	2	2	1.6GHz	/	2M	Intel HD 510
Q30612C	S13	Skylake	Celeron	3955U	2	2	2.0GHz	/	2M	Intel HD 510
Q30631C	S13	Skylake	Core i3	6100U	2	4	2.3GHz	/	3M	Intel HD 520
Q30651C	S13	Skylake	Core i5	6200U	2	4	2.3GHz	2.8GHz	3M	Intel HD 520
Q30671C	S13	Skylake	Core i7	6500U	2	4	2.5GHz	3.1GHz	4M	Intel HD 520
Q30711C	S13	Kaby Lake	Celeron	3865U	2	2	1.8GHz	/	2M	Intel HD 610
Q30712C	S13	Kaby Lake	Celeron	3965U	2	2	2.2GHz	/	2M	Intel HD 610
Q30731C	S13	Kaby Lake	Core i3	7100U	2	4	2.4GHz	/	3M	Intel HD 620
Q30751C	S13	Kaby Lake	Core i5	7200U	2	4	2.5GHz	3.1GHz	3M	Intel HD 620
Q30771C	S13	Kaby Lake	Core i7	7500U	2	4	2.7GHz	3.5GHz	4M	Intel HD 620
Q30811C	S13	Kaby Lake R	Celeron	3867U	2	2	1.8GHz	/	2M	Intel HD 610
Q30821C	S13	Kaby Lake R	Pentium	4417U	2	2	2.3GHz	/	2M	Intel HD 610
Q30831C	S13	Kaby Lake R	Core i3	8130U	2	4	2.0GHz	3.40GHz	4M	Intel UHD 620
Q30851C	S13	Kaby Lake R	Core i5	8250U	4	8	1.6GHz	3.4GHz	6M	Intel UHD 620
Q30871C	S13	Kaby Lake R	Core i7	8550U	4	8	1.8GHz	4.0GHz	8M	Intel UHD 620

PC Case Options

Category	SATA Support
S10	Yes
S20	Yes
S13	Yes

Custom Options

Category	Description
USB 2.0	1
GPIO	1
Serial Port	5 x RS-232
RS-485	2
SATA	1 (Only for i5/i7)
TPM 2.0	1



Q30912S S08

Qotom Mini PC

Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0, 2 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 1 x RS-232
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek ALC897 HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 3.0, 2 x USB 2.0
Serial Port	1 x RS-232
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	2 x USB 3.0
Audio	1 x Mic-in, 1 x Line-out
Video Output	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux

Expansion	
M.2	1 x M.2 for 4G/5G (B key, Type: 3042/3052) 4205U, 5405U, 5205U, 5305U don't support 5G function
	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	0
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
DC-in	0
Power Requirement	
Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	155 x 127 x 48mm
Weight	0.84kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q30912S-S08

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30912S	S08	Whiskey Lake	Celeron	4305U	2	2	2.2GHz	/	2M	Intel UHD Graphics
Q30921S	S08	Whiskey Lake	Pentium	5405U	2	4	2.3GHz	/	2M	Intel UHD Graphics
Q30931S	S08	Whiskey Lake	Core i3	8145U	2	4	2.1GHz	3.9GHz	4M	Intel UHD Graphics
Q30951S	S08	Whiskey Lake	Core i5	8265U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics
Q30971S	S08	Whiskey Lake	Core i7	8565U	4	8	1.8GHz	4.6GHz	8M	Intel UHD Graphics
Q30952S	S08	Coffee Lake	Core i5	8260U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics 620
Q31011S	S08	Comet Lake	Celeron	5205U	2	2	1.9GHz	/	2M	Intel UHD Graphics
Q31012S	S08	Comet Lake	Celeron	5305U	2	2	2.3GHz	/	2M	Intel UHD Graphics
Q31021S	S08	Comet Lake	Pentium	6405U	2	4	2.4GHz	/	2M	Intel UHD Graphics
Q31031S	S08	Comet Lake	Core i3	10110U	2	4	2.1GHz	4.1GHz	4M	Intel UHD Graphics
Q31051S	S08	Comet Lake	Core i5	10210U	4	8	1.6GHz	4.2GHz	6M	Intel UHD Graphics
Q31071S	S08	Comet Lake	Core i7	10610U	4	8	1.8GHz	4.9GHz	8M	Intel UHD Graphics
Q31072S	S08	Comet Lake	Core i7	10810U	6	12	1.1GHz	4.9GHz	12M	Intel UHD Graphics
Q31073S	S08	Comet Lake	Core i7	10710U	6	12	1.1GHz	4.7GHz	12M	Intel UHD Graphics

Custom Options

Category	Description
VGA	1
USB 2.0	1
GPIO	1
TPM 2.0	1 (SLB9665)



Q31231C S13

Qotom Mini PC

Main Features

- Intel Core i3-1215U Alder Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 2 x HDMI
- 3 x USB 3.0, 5 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 2 x RS-232
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 12 th Gen Alder Lake Processor Default Core i3-1215U 6 Cores Processor 1.20 GHz, up to 4.40 GHz, 10M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 3200MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	1 x USB 3.0, 3 x USB 2.0
Serial Port	2 x RS-232 (COM1/2 Support 5V/12V)
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 2 x HDMI
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	2 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
SIM Card Slot	0
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.54mm
CMOS Clear Jumper	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2 x RS-232 (COM1/2 can be set up as RS-485)
DC-in	0
Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	196 x 122 x 47mm
Weight	1.26kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design



Q31231C s10

Qotom Mini PC

Main Features

- Intel Core i3-1215U Alder Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 2 x HDMI
- 3 x USB 3.0, 5 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 2 x RS-232
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 12 th Gen Alder Lake Processor Default Core i3-1215U 6 Cores Processor 1.20 GHz, up to 4.40 GHz, 10M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 3200MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	1 x USB 3.0, 3 x USB 2.0
Serial Port	2 x RS-232 (COM1/2 Support 5V/12V)
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 2 x HDMI
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	2 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
SIM Card Slot	0
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.54mm
CMOS Clear Jumper	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2 x RS-232 (COM1/2 can be set up as RS-485)
DC-in	0
Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	217 x 122 x 62mm
Weight	1.42kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Q31231C s20

Qotom Mini PC

Main Features

- Intel Core i3-1215U Alder Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 2 x HDMI
- 3 x USB 3.0, 5 x USB 2.0
- 3 x M.2, 1 x SATA 3.0
- 2 x RS-232
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 12 th Gen Alder Lake Processor Default Core i3-1215U 6 Cores Processor 1.20 GHz, up to 4.40 GHz, 10M Cache
CPU TDP	15W
Memory	1 x DDR4 SO-DIMM Socket (Up to 32G, 3200MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
LED	1 x Power LED, 1 x HDD LED
USB	1 x USB 3.0, 3 x USB 2.0
Serial Port	2 x RS-232 (COM1/2 Support 5V/12V)
SIM Card Slot	1
Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 2 x HDMI
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	2 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052)
SIM Card Slot	0
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.54mm
CMOS Clear Jumper	0
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	2 x RS-232 (COM1/2 can be set up as RS-485)
DC-in	0
Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	221 x 121 x 62mm
Weight	1.42kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fanless Design

Ordering and Specifications Information

Quick Order Model: Q31231C-S10

Ordering Code	Q31211C	Q31221C	Q31231C	Q31251C	Q31271C
Case	S10	S10	S10	S10	S10
Code Name	Alder Lake U	Alder Lake U	Alder Lake U	Alder Lake U	Alder Lake U
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number	7305	8505	1215U	1235U	1255U
Total Cores	5	5	6	10	10
# of Performance-cores	1	1	2	2	2
# of Efficient-cores	4	4	4	8	8
# of Threads	5	6	8	12	12
Max Turbo Frequency	-	4.40 GHz	4.40 GHz	4.40 GHz	4.70 GHz
Performance-core Base Frequency	1.10 GHz	1.20 GHz	1.20 GHz	1.30 GHz	1.70 GHz
Performance-core Max Turbo Frequency	-	4.40 GHz	4.40 GHz	4.40 GHz	4.70 GHz
Efficient-core Base Frequency	0.9 GHz	0.9 GHz	0.9 GHz	0.9 GHz	1.20 GHz
Efficient-core Max Turbo Frequency	-	3.30 GHz	3.30 GHz	3.30 GHz	3.50 GHz
Cache	8M	8M	10M	12M	12M
Processor Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Ordering Code	Q41231C	Q41251C	Q41271C
Case	S10	S10	S10
Code Name	Alder Lake P	Alder Lake P	Alder Lake P
Processor Type	Core i3	Core i5	Core i7
Processor Number	1220P	1240P	1260P
Total Cores	10	12	12
# of Performance-cores	2	4	4
# of Efficient-cores	8	8	8
# of Threads	12	16	16
Max Turbo Frequency	4.40 GHz	4.40 GHz	4.70 GHz
Performance-core Base Frequency	1.50 GHz	1.70 GHz	2.10 GHz
Performance-core Max Turbo Frequency	4.40 GHz	4.40 GHz	4.70 GHz
Efficient-core Base Frequency	1.10 GHz	1.20 GHz	1.50 GHz
Efficient-core Max Turbo Frequency	3.30 GHz	3.30 GHz	3.40 GHz
Cache	12M	12M	18M
Processor Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Ordering and Specifications Information

Quick Order Model: Q31231C-S10

Ordering Code	Q51251C	Q51271C	Q51291C
Case	S10	S10	S10
Code Name	Alder Lake H	Alder Lake H	Alder Lake H
Processor Type	Core i5	Core i7	Core i9
Processor Number	12450H	12650H	12900H
Total Cores	8	10	14
# of Performance-cores	4	6	6
# of Efficient-cores	4	4	8
# of Threads	12	16	20
Max Turbo Frequency	4.40 GHz	4.70 GHz	5.00 GHz
Performance-core Base Frequency	2.00 GHz	2.30 GHz	2.50 GHz
Performance-core Max Turbo Frequency	4.40 GHz	4.70 GHz	5.00 GHz
Efficient-core Base Frequency	1.50 GHz	1.70 GHz	1.80 GHz
Efficient-core Max Turbo Frequency	3.30 GHz	3.50 GHz	3.80 GHz
Cache	12M	24M	24M
Processor Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Custom Options

Category	Description
GPIO	1
VGA	1
Serial Port	4 x RS-232
RS-485	2
PS2	2
TPM 2.0	1 (Z32H330TC)

PC Case Options

Category	SATA Support
S10	Yes
S20	Yes



Q600S S09

Qotom Mini PC

Main Features

- Supports Intel 7th & 6th Gen Processor (LGA1151) with Intel H110 Chipset
- 2 x DDR4 2133 MHz SO-DIMM Up to 32GB
- Intel HD Graphics
- 2 x HDMI
- 3 x USB 3.0, 5 x USB 2.0, 2 x M.2, 1 x SATA 3.0
- 2 x Intel I211-AT/I210-AT Gigabit LAN
- S09 computer case in Grey color

Specifications

Processor System	
CPU	Intel 6 th Gen Skylake-S LGA1151 Processor Intel 7 th Gen Kaby Lake-S LGA1151 Processor Intel 8 th 9 th Gen Coffee Lake-S LGA1151 Processor
CPU TDP	35W/51W/65W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G, 2133MHz)
Chipset	Intel H110
Graphics	Intel HD Graphics (By CPU)
LAN Chipset	2 x Intel I211-AT/I210-AT Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes
Front I/O	
Power Button	1
USB	2 x USB 3.0
LED	1 x Power LED, 1 x HDD LED
Audio	1 x Mic-in, 1 x Line-out
Rear I/O	
Power	1 x DC Jack
Video Output	2 x HDMI
LAN	2 x Intel I211-AT/I210-AT Gigabit LAN
USB	1 x USB 2.0, 5 x USB 2.0
Serial Port	0
Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280)
OS Support	
OS	Windows 10, Linux Windows 7 (Only for 6 th Gen Skylake)

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230)
Mini PCIe	1 x Mini PCIe Full-length for 4G, Half-length for Wi-Fi
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.54mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0

Power Requirement	
Power Adapter	12V5A/12V7A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	164 x 164 x 61mm
Weight	1.19kg
Mounting	No
Packaging Dimension	285 x 260 x 93mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q650S-S09

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q610S	S09	Skylake	Celeron	G3900	2	2	2.8GHz	/	2M	Intel HD 510
Q620S	S09	Skylake	Pentium	G4500	2	2	3.5GHz	/	3M	Intel HD 530
Q630S	S09	Skylake	Core i3	6100	2	4	3.7GHz	/	3M	Intel HD 530
Q650S	S09	Skylake	Core i5	6400	4	4	2.7GHz	3.3GHz	6M	Intel HD 530
Q615S	S09	Kaby Lake	Celeron	G3930	2	2	2.9GHz	/	2M	Intel HD 610
Q625S	S09	Kaby Lake	Pentium	G4560	2	4	3.5GHz	/	3M	Intel HD 610
Q635S	S09	Kaby Lake	Core i3	7100	2	4	3.9GHz	/	3M	Intel HD 630
Q655S	S09	Kaby Lake	Core i5	7500	4	4	3.4GHz	3.8GHz	6M	Intel HD 630
Q70811S	S09	Coffee Lake	Celeron	G4900	2	2	3.1GHz	/	2M	Intel® UHD Graphics 610
Q70821S	S09	Coffee Lake	Pentium	G5400	2	4	3.7GHz	/	4M	Intel® UHD Graphics 610
Q70831S	S09	Coffee Lake	Core i3	8100	4	4	3.6GHz	/	6M	Intel® UHD Graphics 630
Q70851S	S09	Coffee Lake	Core i5	8400	6	6	2.9GHz	4.1GHz	9M	Intel® UHD Graphics 630
Q70911S	S09	Coffee Lake	Celeron	G4930	2	2	3.2GHz	/	2M	Intel® UHD Graphics 610
Q70921S	S09	Coffee Lake	Pentium	G5420	2	4	3.8GHz	/	4M	Intel® UHD Graphics 610
Q70931S	S09	Coffee Lake	Core i3	9100	4	4	3.6GHz	4.2GHz	6M	Intel® UHD Graphics 630
Q70951S	S09	Coffee Lake	Core i5	9400	6	6	2.9GHz	4.1GHz	9M	Intel® UHD Graphics 630

Custom Options

Category	Description
USB 2.0	2
GPIO	1
RS-485	2
VGA	1
RJ-45	4
TPM 2.0	1

Q71200S S15

Qotom Mini PC

Main Features

- Intel 12th & 13th Gen Processor 65W (LGA1700) with Intel H610 Chipset
- 2 x DDR4 3200 MHz SO-DIMM Up to 64GB
- Intel UHD Graphics 730
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0, 4 x USB 2.0, 3 x M.2, 2 x SATA 3.0
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Intel 12 th Gen Alder Lake-S LGA1700 Processor Intel 13 th Gen Raptor Lake-S LGA1700 Processor
CPU TDP	65W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G)
Chipset	Intel H610
Graphics	Intel UHD Graphics (By CPU)
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O	
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	0
USB	2 x USB 2.0

Rear I/O	
Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	4 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0

Storage	
Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)

OS Support	
OS	UEFI Windows 10, UEFI Linux

Expansion	
M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
Serial Port	0

Power Requirement	
Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	200 x 200 x 53mm
Weight	1.6kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 120mm
Kensington Lock	Yes
Cooling Mode	Fan

Q71200C S15

Qotom Mini PC

Main Features

- Intel 12th & 13th Gen Processor 65W (LGA1700) with Intel H610 Chipset
- 2 x DDR4 3200 MHz SO-DIMM Up to 64GB
- Intel UHD Graphics 730
- 1 x Display Port, 1 x HDMI
- 4 x USB 3.0, 4 x USB 2.0, 3 x M.2, 2 x SATA 3.0
- 2 x Intel I225-V/I226-V 2.5 Gigabit LAN
- 2 x RS-232

Specifications

Processor System

CPU	Intel 12 th Gen Alder Lake-S LGA1700 Processor Intel 13 th Gen Raptor Lake-S LGA1700 Processor
CPU TDP	65W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G)
Chipset	Intel H610
Graphics	Intel UHD Graphics (By CPU)
LAN Chipset	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	Yes

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
Serial Port	2 x RS-232
USB	2 x USB 2.0

Rear I/O

Power	1 x DC Jack
Video Output	1 x Display Port, 1 x HDMI
LAN	2 x Intel I225-V/I226-V 2.5 Gigabit LAN
USB	4 x USB 3.0, 2 x USB 2.0
Audio	1 x Mic-in, 1 x Line-out
Serial Port	0

Storage

Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
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OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280) 1 x M.2 for Wi-Fi (E key, Type: 2230) 1 x M.2 for 4G/5G (B key, Type: 3042/3052) 5G Defaults to PCIe Mode, USB 3.0 Mode Requires Customization
SIM Card Slot	1
AutoStart Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	Yes, 1 x 3Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
RS-485	0
Serial Port	0

Power Requirement

Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	200 x 200 x 53mm
Weight	1.6kg
Mounting	VESA Mounting Bracket
Packaging Dimension	285 x 260 x 120mm
Kensington Lock	Yes
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q71231S-S15

Ordering Code	Q71211S	Q71221S	Q71231S	Q71251S	Q71271S
Case	S15	S15	S15	S15	S15
Code Name	Alder Lake S	Alder Lake S	Alder Lake S	Alder Lake S	Alder Lake S
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number	G6900	G7400	12100	12400	12700
Total Cores	2	2	4	6	12
# of Performance-cores	2	2	4	6	8
# of Efficient-cores	-	-	-	-	4
# of Threads	2	4	8	12	20
Max Turbo Frequency			4.30 GHz	4.40 GHz	4.80 GHz
Performance-core Base Frequency	3.40 GHz	3.70 GHz	3.30 GHz	2.50 GHz	2.10 GHz
Performance-core Max Turbo Frequency	-	-	4.30 GHz	4.40 GHz	4.80 GHz
Efficient-core Base Frequency	-	-	-	-	1.60 GHz
Efficient-core Max Turbo Frequency	-	-	-	-	3.60 GHz
Cache	4M	6M	12M	18M	25M
Processor Graphics	Intel UHD Graphics 710	Intel UHD Graphics 710	Intel UHD Graphics 730	Intel UHD Graphics 730	Intel UHD Graphics 770

Ordering Code	Q71311S	Q71321S	Q71331S	Q71351S	Q71371S
Case	S15	S15	S15	S15	S15
Code Name	Raptor Lake S	Raptor Lake S	Raptor Lake S	Raptor Lake S	Raptor Lake S
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number	-	-	13100	13400	13700
Total Cores	-	-	4	10	16
# of Performance-cores	-	-	4	6	8
# of Efficient-cores	-	-	-	4	8
# of Threads	-	-	8	16	24
Max Turbo Frequency	-	-	4.50 GHz	4.60 GHz	5.10 GHz
Performance-core Base Frequency	-	-	3.40 GHz	2.50 GHz	2.10 GHz
Performance-core Max Turbo Frequency	-	-	4.50 GHz	4.60 GHz	5.10 GHz
Efficient-core Base Frequency	-	-	-	-	1.50 GHz
Efficient-core Max Turbo Frequency	-	-	-	-	4.10 GHz
Cache	-	-	12M	20M	30M
Processor Graphics	-	-	Intel UHD Graphics 730	Intel UHD Graphics 730	Intel UHD Graphics 770

Ordering and Specifications Information

Quick Order Model: Q71231S-S15

Custom Options

Category	Description
EDP	1
RJ-45	4
USB 3.0	4
USB 2.0	2
Serial Port	6 x RS-232
RS-485	2
VGA	1
Audio	1
TPM 2.0	1 (SLB9670)



Q10531N S19

Qotom Mini PC

Main Features

- Intel Pentium J5005 Gemini Lake Processor
- Intel UHD Graphics 605
- 2 x HDMI
- 4 x USB 3.0
- 1 x SATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System

CPU	Intel Gemini Lake Processor Default Pentium J5005 Quad Cores Processor 1.5GHz, up to 2.8GHz, 4M Cache
CPU TDP	10W
Memory	2 x DDR4 SO-DIMM Sockets (Up to 16G) Only Supports a Single 1G Memory Chip
Chipset	By CPU
Graphics	Intel UHD Graphics 605
LAN Chipset	1 x Realtek Gigabit LAN
Audio	No
Watch Dog	No

Front I/O

DC-IN	1
Display	2 x HDMI 2.0a
Ethernet	1
USB	2 x USB 3.0

Rear I/O

Power Button	1
LED	1 x Power LED, 1 x HDD LED
IR	Consumer Infrared (CIR) sensor
USB	2 x USB 3.0

Side I/O

SDXC card	1 x SDXC card reader slot
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Storage

Type	1 x 2.5-inch HDD/SSD
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OS Support

OS	Windows 10, Linux
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Expansion

Wi-Fi	Intel Wireless-AC 9462-D2W wireless LAN module, Integrated
SATA	1, SATA 3.0 (6.0Gb/s)
SATA PWR Connector	1, 1 x 4Pin, Pitch 1.25mm
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 1.25mm
USB 2.0 Header	2, 1 x 4Pin, Pitch 1.25mm
Front Panel Header	1, 2 x 5Pin, Pitch 1.25mm
CPU FAN Connector	1, 1 x 4Pin, Pitch 1.25mm
Clear CMOS Jumper	Yes, 1 x 3Pin, Pitch 1.25mm

Power Requirement

Power Adapter	12V3A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	115 x 111 x 46mm
Weight	0.82kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fan

NAS

Data Storage Series

NO.	Series	Code Name	Typical CPU	Page NO.	LAN Ports	HDD Ports	5G	Remark
1	Q30912DS	Whiskey Lake Coffee Lake Comet Lake	4305U	218	2	4		New
2	Q31151G4	Tiger Lake	1135G7	220	4	1		Designing

Q30912DS S14

Qotom Data Storage



Main Features

- Intel Celeron 4305U Whiskey Lake Processor
- Intel UHD Graphics
- 1 x Display Port, 2 x HDMI
- 3 x USB 3.0, 1 x USB 2.0, 1 x Type C
- 2 x M.2, 4 x SATA 3.0
- 4 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 8 th Gen Whiskey Lake Processor Default Celeron 4305U Dual Cores Processor 2.2GHz, 2M Cache
CPU TDP	15W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel UHD Graphics
LAN Chipset	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Watch Dog	Yes
Chipset	By CPU

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	1 x USB 3.0, 1 x USB 2.0

Rear I/O

Power	1 x DC Jack
LAN	4 x Intel I225-V/I226-V 2.5 Gigabit LAN
Video Output	2 x HDMI
USB	2 x USB 3.0
Type C	1 x Type C (USB3.0, Display Port)

Storage

Type	4 x 3.5-inch HDD 2 x M.2 for SSD (M key, Type: 2242/2260/2280)
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OS Support

OS	Windows 10, Linux
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Expansion

M.2	1 x M.2 for SSD (M key, PCIe 3.0 x 4) (Type: 2242/2260/2280)
M.2	1 x M.2 for SSD (M key, PCIe 3.0 x 1) (Type: 2242/2260/2280)
AutoStart Jumper	1, 2 x 5Pin, Pitch 2.0mm
CMOS Clear Jumper	1, 2 x 5Pin, Pitch 2.0mm
GPIO	1, 2 x 5Pin, Pitch 2.0mm
USB	1, 2 x 5Pin, Pitch 2.0mm
Serial Port	1 x RS-232, 1, 2 x 5Pin, Pitch 2.0mm

Power Requirement

Power Adapter	19V4.74A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	150 x 222 x 175mm
Weight	3.5kg
Mounting	-
Packaging Dimension	290 x 240 x 260mm
Kensington Lock	Yes
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q30912DS

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q30912DS	S14	Whiskey Lake	Celeron	4305U	2	2	2.2GHz	/	2M	Intel UHD Graphics
Q30921DS	S14	Whiskey Lake	Pentium	5405U	2	4	2.3GHz	/	2M	Intel UHD Graphics
Q30931DS	S14	Whiskey Lake	Core i3	8145U	2	4	2.1GHz	3.9GHz	4M	Intel UHD Graphics
Q30951DS	S14	Whiskey Lake	Core i5	8265U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics
Q30971DS	S14	Whiskey Lake	Core i7	8565U	4	8	1.8GHz	4.6GHz	8M	Intel UHD Graphics
Q30952DS	S14	Coffee Lake	Core i5	8260U	4	8	1.6GHz	3.9GHz	6M	Intel UHD Graphics 620
Q31011DS	S14	Comet Lake	Celeron	5205U	2	2	1.9GHz	/	2M	Intel UHD Graphics
Q31012DS	S14	Comet Lake	Celeron	5305U	2	2	2.3GHz	/	2M	Intel UHD Graphics
Q31021DS	S14	Comet Lake	Pentium	6405U	2	4	2.4GHz	/	2M	Intel UHD Graphics
Q31031DS	S14	Comet Lake	Core i3	10110U	2	4	2.1GHz	4.1GHz	4M	Intel UHD Graphics
Q31051DS	S14	Comet Lake	Core i5	10210U	4	8	1.6GHz	4.2GHz	6M	Intel UHD Graphics
Q31071DS	S14	Comet Lake	Core i7	10610U	4	8	1.8GHz	4.9GHz	8M	Intel UHD Graphics
Q31072DS	S14	Comet Lake	Core i7	10810U	6	12	1.1GHz	4.9GHz	12M	Intel UHD Graphics
Q31073DS	S14	Comet Lake	Core i7	10710U	6	12	1.1GHz	4.7GHz	12M	Intel UHD Graphics

Custom Options

Category	Description
VGA	1
GPIO	1
Serial Port	1 x RS-232
USB 2.0	2



Q31151G4 S18

Qotom Mini PC

Main Features

- Intel Core i5 1135G7 Tiger Lake Processor
- Intel® Iris® Xe Graphics
- 1 x HDMI
- 1 x USB 3.0, 2 x USB 2.0
- 1 x Type C
- 4 x M.2
- 4 x Intel I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 11 th Gen Tiger Lake Processor Default Core i5 1135G7 Qual Cores Processor 2.4GHz, up to 4.2GHz, 8M Cache
CPU TDP	28W
Memory	2 x DDR4 SO-DIMM Sockets (Up to 64G, 2133/2400MHz)
Chipset	By CPU
Graphics	Intel Iris Xe Graphics
LAN Chipset	4 x Intel I226-V 2.5 Gigabit LAN
Watch Dog	Yes
Chipset	By CPU

Front I/O

Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED
USB	2 x USB 2.0

Rear I/O

Power	1 x DC Jack
LAN	4 x Intel I226-V 2.5 Gigabit LAN
Video Output	1 x HDMI
USB	1 x USB 3.0
Type C	1 x Type C (USB3.0, Display Port)

Storage

Type	2 x M.2 for SSD (M key, Type: 2242/2260/2280, PCIe 3.0 x 2)
	2 x M.2 for SSD (M key, Type: 2242/2260/2280, PCIe 3.0 x 1)

OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

M.2	2 x M.2 for SSD (M key, Type: 2242/2260/2280, PCIe 3.0 x 2)
M.2	2 x M.2 for SSD (M key, Type: 2242/2260/2280, PCIe 3.0 x 1)
PCIe	1, PCIe slot (Type: X16, PCIe 4.0 x 4)
AutoStart Jumper	1, 1 x 3Pin, Pitch 2.0mm
CMOS Clear Jumper	1, 1 x 3Pin, Pitch 2.0mm
Front Panel	1, 2 x 5Pin, Pitch 2.0mm
USB	2, 2 x 5Pin, Pitch 2.0mm
Serial Port	1 x RS-232, 1, 2 x 5Pin, Pitch 2.0mm
Power Header	1, 1 x 2Pin, Pitch 3.5mm, Phoenix 2Pin (Option)

Power Requirement

Power Adapter	12V7A
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical

Material	Aluminium Alloy
Dimension	205x 125 x 45mm
Weight	3.5kg
Mounting	-
Packaging Dimension	-
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q31151G4-S17

Ordering Code	Case	Code Name	Processor Type	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Processor Graphics
Q31111G4	S17	Tiger Lake	Celeron	6305	2	2	1.80 GHz		4M	Intel UHD Graphics
Q31121G4	S17	Tiger Lake	Pentium	7505	2	4	2.00 GHz	3.50 GHz	4M	Intel UHD Graphics
Q31131G4	S17	Tiger Lake	Core i3	1115G4	2	4	3.00 GHz	4.10 GHz	6M	Intel UHD Graphics
Q31132G4	S17	Tiger Lake	Core i3	1125G4	4	8	2.00 GHz	3.70 GHz	8M	Intel UHD Graphics
Q31151G4	S17	Tiger Lake	Core i5	1135G7	4	8	2.40 GHz	4.20 GHz	8M	Intel Iris Xe Graphics
Q31152G4	S17	Tiger Lake	Core i5	1145G7	4	8	2.60 GHz	4.40 GHz	8M	Intel Iris Xe Graphics
Q31153G4	S17	Tiger Lake	Core i5	1155G7	4	8	2.50 GHz	4.50 GHz	8M	Intel Iris Xe Graphics eligible
Q31171G4	S17	Tiger Lake	Core i7	1165G7	4	8	2.80 GHz	4.70 GHz	12M	Intel Iris Xe Graphics
Q31172G4	S17	Tiger Lake	Core i7	1185G7	4	8	3.00 GHz	4.80 GHz	12M	Intel Iris Xe Graphics
Q31173G4	S17	Tiger Lake	Core i7	1195G7	4	8	2.90 GHz	5.00 GHz	12M	Intel Iris Xe Graphics eligible
Q51151G4	S17	Tiger Lake	Core i5	11300H	4	8	2.60 GHz	4.40 GHz	8M	Intel Iris Xe Graphics
Q51152G4	S17	Tiger Lake	Core i5	11320H	4	8	2.50 GHz	4.50 GHz	8M	Intel Iris Xe Graphics eligible
Q51171G4	S17	Tiger Lake	Core i7	11370H	4	8	3.00 GHz	4.80 GHz	12M	Intel Iris Xe Graphics
Q51172G4	S17	Tiger Lake	Core i7	11375H	4	8	3.00 GHz	5.00 GHz	12M	Intel Iris Xe Graphics
Q51173G4	S17	Tiger Lake	Core i7	11390H	4	8	2.90 GHz	5.00 GHz	12M	Intel Iris Xe Graphics eligible



OPS

Open Pluggable Specification

NO.	Series	Code Name	Typical CPU	Page NO.	LAN Ports	Remark
3	Q31251OPS	Alder Lake-P	1235U	227	1	New

Q31251OPS

Qotom OPS PC



Main Features

- Intel Core i5-1235U Alder Lake U Processor
- Intel Iris Xe Graphics
- 1 x Display Port, 1 x HDMI
- 2 x USB 3.0, 2 x USB 2.0, 1 x Type C
- 2 x M.2, 1 x SATA 3.0
- 1 x Intel I225-V/I226-V 2.5 Gigabit LAN

Specifications

Processor System

CPU	Intel 12 th Alder Lake Processor Default Core i5-1235U 10 Cores Processor 3.3Ghz, up to 4.40 GHz, 12M Cache
CPU TDP	15W
Memory	2 x DDR4 SO-DIMM Socket (Up to 64G, 2666MHz)
Chipset	By CPU
Graphics	Intel Iris Xe Graphics
LAN Chipset	1 x Intel I225-V/I226-V 2.5 Gigabit LAN
Audio	Cmedia USB Audio (HS100B)
Watch Dog	No

Front I/O

Audio	1 x Mic-in, 1 x Line-out
Video Output	1 x Display Port 1.4, 1 x HDMI 2.0
Type C	1 x Type C (USB3.0 , Display Port)
USB	2 x USB 3.0, 2 x USB 2.0
LAN	1 x Intel I225-V/I226-V 2.5 Gigabit LAN
Power Button	1 x Power Button, 1 x Reset Button
LED	1 x Power LED, 1 x HDD LED

Rear I/O

Power	1 x DC Jack
JAE	1 x JAE Port (80pin)

Storage

Type	1 x 2.5-inch HDD/SSD 1 x M.2 for SSD (M key, Type: 2280, PCIe 4.0 x 4)
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OS Support

OS	UEFI Windows 10, UEFI Linux
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Expansion

M.2	1 x M.2 for SSD (M key, Type: 2280)
M.2	1 x M.2 for Wi-Fi (E key, Type: 2230)
SIM Card Slot	0
AutoStart Jumper	0
CMOS Clear Jumper	0
GPIO	0
RS-485	0
DC-in	0

Power Requirement

Power Adapter	19V
DC Jack	5.5mm, 2.5mm

Environmental

Operating Temp	0°C~45°C
Non-Operating Temp	-40°C~80°C
Humidity	10%~95%

Mechanical

Material	Aluminium Alloy
Dimension	118 x 180 x 30mm
Weight	0.78kg
Mounting	None
Packaging Dimension	282 x 257 x 79mm
Kensington Lock	No
Cooling Mode	Fan

Ordering and Specifications Information

Quick Order Model: Q31251OPS

Ordering Code	Q31211OPS	Q31221OPS	Q31231OPS	Q31251OPS	Q31271OPS
Code Name	Alder Lake U	Alder Lake U	Alder Lake U	Alder Lake U	Alder Lake U
Processor Type	Celeron	Pentium	Core i3	Core i5	Core i7
Processor Number	7305	8505	1215U	1235U	1255U
Total Cores	5	5	6	10	10
# of Performance-cores	1	1	2	2	2
# of Efficient-cores	4	4	4	8	8
# of Threads	5	6	8	12	12
Max Turbo Frequency	-	4.40 GHz	4.40 GHz	4.40 GHz	4.70 GHz
Performance-core Base Frequency	1.10 GHz	1.20 GHz	1.20 GHz	1.30 GHz	1.70 GHz
Performance-core Max Turbo Frequency	-	4.40 GHz	4.40 GHz	4.40 GHz	4.70 GHz
Efficient-core Base Frequency	0.9 GHz	0.9 GHz	0.9 GHz	0.9 GHz	1.20 GHz
Efficient-core Max Turbo Frequency	-	3.30 GHz	3.30 GHz	3.30 GHz	3.50 GHz
Cache	8M	8M	10M	12M	12M
Processor Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Ordering Code	Q41231OPS	Q41251OPS	Q41271OPS
Code Name	Alder Lake P	Alder Lake P	Alder Lake P
Processor Type	Core i3	Core i5	Core i7
Processor Number	1220P	1240P	1260P
Total Cores	10	12	12
# of Performance-cores	2	4	4
# of Efficient-cores	8	8	8
# of Threads	12	16	16
Max Turbo Frequency	4.40 GHz	4.40 GHz	4.70 GHz
Performance-core Base Frequency	1.50 GHz	1.70 GHz	2.10 GHz
Performance-core Max Turbo Frequency	4.40 GHz	4.40 GHz	4.70 GHz
Efficient-core Base Frequency	1.10 GHz	1.20 GHz	1.50 GHz
Efficient-core Max Turbo Frequency	3.30 GHz	3.30 GHz	3.40 GHz
Cache	12M	12M	18M
Processor Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

Ordering and Specifications Information

Quick Order Model: Q31251OPS

Ordering Code	Q51251OPS	Q51271OPS	Q51291OPS
Code Name	Alder Lake H	Alder Lake H	Alder Lake H
Processor Type	Core i5	Core i7	Core i9
Processor Number	12450H	12650H	12900H
Total Cores	8	10	14
# of Performance-cores	4	6	6
# of Efficient-cores	4	4	8
# of Threads	12	16	20
Max Turbo Frequency	4.40 GHz	4.70 GHz	5.00 GHz
Performance-core Base Frequency	2.00 GHz	2.30 GHz	2.50 GHz
Performance-core Max Turbo Frequency	4.40 GHz	4.70 GHz	5.00 GHz
Efficient-core Base Frequency	1.50 GHz	1.70 GHz	1.80 GHz
Efficient-core Max Turbo Frequency	3.30 GHz	3.50 GHz	3.80 GHz
Cache	12M	24M	24M
Processor Graphics	Intel UHD Graphics	Intel Iris Xe Graphics eligible	Intel Iris Xe Graphics eligible

ARM Series

NO.	Series	Code Name	Typical CPU	Page NO.	LAN Ports	Serial Ports	5G	Remark
1	Q00001G4	Rockchip	RK3568	231	4	1	1	New



Q00001G4 S16

Qotom Mini PC

Main Features

- Rockchip RK3568 Cortex-A55 Processor
- Mali-G52 GPU
- 1TOPS NPU
- 1 x HDMI, 1x RS-232 (RJ-45)
- 1 x USB 3.0, 2 x USB 2.0
- 2 x Realtek Gigabit LAN
- 2 x Realtek 2.5 Gigabit LAN

Specifications

Processor System	
CPU	Rockchip Processor Default RK3568 Quad Cores Cortex-A55 Processor up to 2.0GHz
Memory	4GB, Integrated (Up to 8G)
GPU	Mali-G52 GPU
NPU	1TOPS NPU
LAN Chipset	2 x Realtek Gigabit LAN, 2 x Realtek 2.5 Gigabit LAN
Front I/O	
Button	1 x Recovery Button, 1 x Mask ROM Button
Serial Port	1 x RS-232 (RJ-45)
USB	1 x USB 3.0, 1 x USB 2.0
SIM Card Slot	1- (Option)
Video Output	1 x HDMI
TF Card Slot	1
LED	1 x Power LED, 1 x HDD LED
Type C	1 x Type C (Only for DC Input)
Rear I/O	
Power	1 x DC Jack
LAN	2 x Realtek Gigabit LAN, 2 x Realtek 2.5 Gigabit LAN
Storage	
Type	16GB, Integrated
OS Support	
OS	Ubuntu 18.04, openWRT

Expansion	
Mini-PCle	1 x Mini-PCle (Option) -Full-length for 4G -Half-length for Wi-Fi -Full-length for SSD
M.2	1 x M.2 for 4G/5G (B-key, 3052) (Option)
Serial Port	1, 1 x 4Pin, Pitch 2.54mm, Support 5V
USB Header	1, 1 x 5Pin, Pitch 2.54mm
Power Requirement	
Power Adapter	12V1A or 5V2A, DC Jack: 5.5mm, 2.5mm By Default
Type C	12V1A or 5V2A (Option) (Only for DC Input)
Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%
Mechanical	
Material	Aluminium Alloy
Dimension	102 x 94x 37mm
Weight	0.37kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	No
Cooling Mode	Fanless Design

Others

NO.	Code Name	Series	Typical CPU	Page NO.	LAN Ports	Remark
1	Ivy Bridge	Q100N	1007U	233	1	

Q107N S03

Qotom Mini PC

Main Features

- Intel Celeron 1007U Ivy Bridge Processor
- Intel HD Graphics
- 1 x VGA, 1 x HDMI
- 5 x USB 2.0
- 1 x Mini PCIe, 1 x mSATA
- 1 x Realtek Gigabit LAN

Specifications

Processor System	
CPU	Intel 3 rd Ivy Bridge Processor Default Celeron 1007U Dual Cores Processor 1.5GHz, 2M Cache
CPU TDP	17W
Memory	1 x DDR3 SO-DIMM Socket (Up to 8G, 1333/1600MHz)
Chipset	NM70
Graphics	Intel HD Graphics
LAN Chipset	1 x Realtek Gigabit LAN
Audio	Realtek HD Audio
Watch Dog	No
Front I/O	
Power Button	1
LED	1 x Power LED
Serial Port	0
USB	4 x USB 2.0
Audio	1 (Mic-in)
Rear I/O	
Power	1 x DC Jack
Video Output	1 x HDMI, 1 x VGA
LAN	1 x Realtek Gigabit LAN
USB	1 x USB 2.0
Audio	1 (Line-out)
Serial Port	0
Storage	
Type	1 x Mini PCIe for mSATA SSD

Expansion	
mSATA	1 x Full-length Mini PCIe for SSD
Mini PCIe	1 x Half-length Mini PCIe for Wi-Fi
SIM Card Slot	0
AutoStart Jumper	0
VGA	0
GPIO	0
DC-in	0

Power Requirement	
Power Adapter	12V4A
DC Jack	5.5mm, 2.5mm

Environmental	
Operating Temp	0°C~50°C
Non-Operating Temp	-20°C~80°C
Humidity	10%~90%

Mechanical	
Material	Aluminium Alloy
Dimension	136 x 131 x 33mm
Weight	0.70kg
Mounting	VESA Mounting Bracket
Packaging Dimension	261 x 218 x 75mm
Kensington Lock	Support
Cooling Mode	Fan

OS Support	
OS	Windows XP, Windows 7, Windows 8, Windows 10, Linux



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