

QY-U310

Products Features:

1. Industrial-Grade Industrial Computer
2. Support Mini-ITX Mother Board
3. Intel 2/3/6/7/8/10/11/12/13/14th-i3/i5/i7/i9 desktop CPU
4. Standard 1U ATX power, 300w to 1300w
5. More expansion slots, Mini-PCIE / M.2 / PCIE / PCI
6. Support remote power on and off
7. -30°C~70°C Temperature Can Keep 24/7 Work Stably
8. Anti-Static, Anti-Pulse, Anti-Surge, Anti-Radiation



1-1. H61 Mother Board Specification:

Mother Board Model	QY-MB-H61-MITX
Chipset	Intel H61, Support Intel Core 2/3th-i3/i5/i7 / Pentium / Celeron desktop CPU, LGA 1155
Memory	Support DDR3-1066 / 1333 MHz, 2*U-DIMM Slots, Up to 16GB
Storage	2*SATA SSD Slots
Display	1*HDMI: Resolution max up to 1920*1200@60Hz 1*VGA: Resolution max up to 1920*1200@60Hz
Expansion	1*PCIE 16x slot 1*Mini PCIE slot, support 4G and WIFI module
Ethernet	2*Realtek 1Gbps LAN Chip (10 / 100 / 1000 Mbps, RJ-45 Type)
USB	8*USB 2.0 (Type-A)
COM	1*RS-232 / 422 / 485 (DB9 type) 9*RS-232 (Header)
Audio	1*Line-out+1*Line-in+MIC
LPT	1*LPT Port

1-2. H110 Mother Board Specification:

Mother Board Model	QY-MB-H110-MITX
Chipset	Intel H110, Support Intel Core 6/7/8/9th-i3/i5/i7 / Pentium / Celeron desktop CPU, LGA 1151
Memory	Support DDR4-2133 MHz, 2*non-ECC U-DIMM Slots, Up to 32GB
Storage	1*MSATA SSD Slot 2*SATA SSD Slots
Display	1*HDMI: Resolution max up to 4096*2160@24Hz 1*VGA: Resolution max up to 1920*1200@60Hz
Expansion	1*PCIE 16x slot 1*Mini PCIE slot, support 4G and WIFI module
Ethernet	2*Realtek GbE LAN Chip (10 / 100 / 1000 Mbps, RJ-45 Type)
USB	2*USB 3.0 (Type-A) 8*USB 2.0 (Type-A)
COM	6*RS-232 (Header)
Audio	1*Line-out+1*MIC

1-3. H420 Mother Board Specification:

Mother Board Model	QY-MB-H420-MITX
Chipset	Intel H420 Support Intel Core 10th-i3/i5/i7/i9 / Pentium / Celeron desktop CPU, LGA 1200
Memory	Support DDR4-2400 MHz, 2*U-DIMM Slots, Up to 64GB
Storage	1*M.2 SATA SSD Slot 1*SATA SSD Slot
Display	1*VGA: Resolution max up to 1920*1200@60Hz 1*HDMI: Resolution max up tp 1920*1080@60Hz
Expansion	1*PCIE 16x slot 1*M.2 Key-E slot, support WIFI module
Ethernet	2*Realtek GbE LAN Chip (10 / 100 / 1000 Mbps, RJ-45 Type)
USB	6*USB 3.0 (Type-A) 4*USB 2.0 (Type-A) 2*USB 2.0 (Header)
COM	Max 10*RS-232 (Header)
Audio	1*Line-out+1*MIC

1-4. H610 Mother Board Specification:

Mother Board Model	QY-MB-H610-MITX
Chipset	Intel H610, Support Intel Core 12/13/14th-i3/i5/i7/i9 / Pentium / Celeron desktop CPU, LGA 1700
Memory	Support DDR4-3200 MHz, 2*U-DIMM Slots, Up to 32GB
Storage	1*M.2 NVME SSD Slot 1*SATA SSD Slot
Display	1*VGA: Resolution max up to 1920*1200@60Hz 1*HDMI: Resolution max up tp 4096*2160@30Hz
Expansion	1*PCIE 16x slot 1*M.2 Key-E slot, Support WIFI module
Ethernet	2*Realtek RTL8111H GbE LAN Chip (10 / 100 / 1000 /2500 Mbps, RJ-45 Type)
USB	4*USB 3.2 (Type-A) 6*USB 2.0 (Type-A) 2*USB 2.0 (Header)
COM	Max 10*RS-232 (Header)
Audio	1*Line-out1*MIC

2. Device Specification:

Power Input	1U ATX Power Module (300w / 500w / 800w / 1000w / 1300w)
	Support Auto-Start
Working Temperature	-30°C~70°C, Support 24/7 Working
Structure	Fully Enclosed Aluminum Alloy Material
Heat Dissipation	Fan Design
Installation	Desktop / Embedded
Size	270mm*226.5mm*167mm
System	Windows and Linux
Mother Board Type	Support Mini-ITX

3. Ordering Information:

Model	Chipset	CPU	LAN	USB	COM	RAM	Display	SSD	Expansion
QY-U350	H61	2th/3th	2	8*3.0	1*RS-232/485 9*RS-232	2*DDR 3 Up to 16GB	1*HDMI 1*VGA	2*SATA	1*Mini PCIE 1*PCIE 16x
	H110	6th/7th/8th/9th		2*3.0 8*2.0	6*RS-232	2*DDR 4 Up to 32GB	1*VGA 1*HDMI	1*MSATA 2*SATA	1*Mini PCIE 1*PCIE 16x
	H420	10th		6*3.0 6*2.0	10*RS-232	2*DDR 4 Up to 64GB	1*VGA 1*HDMI	1*M.2 SATA 1*SATA	1*M.2 1*PCIE 16x
	H610	12th/13th/14th		4*3.2 8*2.0	10*RS-232	2*DDR 4 Up to 64GB	1*HDMI 1*VGA	1*M.2 PCIE 1*SATA	1*M.2 1*PCIE 16x

4. System Information:

CPU	System
2th / 3th	Windows XP / 7 / 10 and Linux
4th / 6th / 7th	Windows 7 / 10 and Linux
8th / 10th / 12th / 13th / 14th	Windows 10 / 11 and Linux

5. Fittings Information:

RAM	DDR 3	4GB / 8GB
	DDR 4	4GB / 8GB / 16GB / 32GB
SSD	MSATA	32GB / 64GB / 128GB / 256GB / 512GB / 1TB
	M.2 NVME	128GB / 256GB / 512GB / 1TB / 2TB / 4TB
	SATA	120GB / 128GB / 240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB / 4TB
GSM Module	4G	4G+GPS
WIFI Module	7260AN / 7260AC / AX210	
ATX Power	300w / 500w / 800w / 1000w / 1300w	

6. Package List:

Power Cable	1*Power Cable
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7. Dimensions:

