

BC-K201

› Industrial Rack Mount System

Features



- 310mm short depth, front I/O 2U chassis
- Supports Intel® 10th Gen. Core™ i9 / i7 / i5 / i3 / Xeon® W-1200 CPU
- Supports 2 x Full size Expansion Card (option with Riser Card)
- Supports 1 x 3.5" HDD or 2 x 2.5" HDD/SSD
- Equipped with 300W single power supply
- Support 1 x M.2 slot support NVMe (PCIex4) for storage
- Support 1 x LPC connector for TPM module
- Easy-to-replace air filters



Specifications

System

CPU Support	LGA1200 socket for Intel® 10th Gen. Core™ i9 / i7 / i5 / i3 / Pentium® / Celeron® desktop CPU / Xeon® W-1200 server CPU
CPU List	Xeon®: W-1290E(TE), W-1270E(TE), W-1250E(TE) 10th Gen. Core™: i9-10900E(TE), i7-10700E(TE), i5-10500E(TE), i3-10100E(TE) Pentium®: G6400E, G6400TE Celeron®: G5900E, G5900TE
Chipset	Intel® W480E (support Xeon® / Core™ / Pentium® / Celeron® CPU) Intel® Q470E/H420E (support Core™ / Pentium® / Celeron® CPU)
Memory Support	W480E/Q470E: 4 x DIMM sockets, support 2933MHz DDR4 up to 64GB support 2666MHz DDR4 up to 128GB H420E: 2 x DIMM sockets, support 2666MHz DDR4 up to 64GB Supports ECC (W480E)/non-ECC (all SKU)
BIOS	AMI UEFI BIOS
Power Supply	ATX 300W Power Supply
Drive Bay	Supports 2 x 2.5" HDD/SSD or 1 x 3.5" HDD Supports 1 x Slim ODD
System Fan	2 x 80x80 mm System Fan 3 x Air Filter
Notification LED	1 x Power LED 1 x HDD LED
Power / Reset Button	1 x Power Button 1 x Reset Button
Dimensions (W x H x D)	480 x 88 x 310.1 mm (with handle) 428.2 x 88 x 310.1 mm (non handle)
Expansion Slots	PCIeX16 Riser Card + PCIeX16 Extended Card (1 set) (option) PCIeX4 to PCI Riser Card or PCIeX4 Riser Card
Weight	6.2 kg (13.67 lb)
Certifications	CE / FCC
O.S. Support	Windows 10 IoT Enterprise, Linux

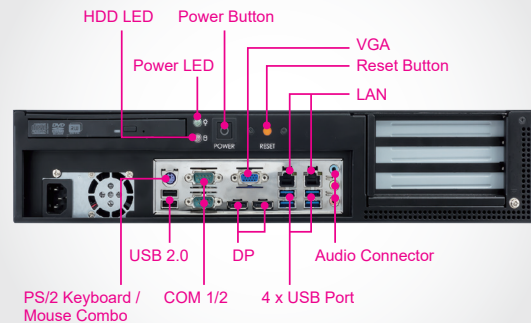
Graphics

Flexible Display	W480E/Q470E: 1 x VGA, 2 x DP, support triple independent display; H420E: 1 x VGA, 2 x DP, support dual independent display
VGA	1 x VGA (rear I/O) up to 1920 x 1200 @60Hz (default)
DisplayPort	2 x DP (rear I/O) up to 4096 x 2304 @60Hz (default)

Environment

Operating Temp. (Ambient with airflow)	0°C~40°C (32°F~104°F)
Storage Temp.	-20°C~80°C (-4°F~176°F)
Humidity	20%~90%

I/O Panel View



I/O Ports

M.2 Slot	1 x M.2 slot support NVMe (PCIex4) for storage only, 2242/2260/2280
LPC	1 x LPC (2x10 Pin Header, for TPM module)
Serial Ports	6 x COM ports COM 1 & COM 2: RS-232/422/485 auto flow control under BIOS(Front IO) COM 3 & COM 4: Supports 5V/12V by jumper selection
Keyboard/Mouse LAN	1 x PS/2 Combo connector for keyboard & mouse (rear I/O) Dual LAN (2 x RJ45, Front I/O) LAN 1: Intel® PHY 219LM (GbE) LAN 2: Intel® LAN 211AT (GbE) Supports Wake-On-LAN & PXE
Audio	Mic In / Line In / Line Out (Front I/O)
USB	W480E/Q470E: 12 ports 2 x external USB 3.1 stacked with LAN (Front I/O) 2 x external USB 3.0 stacked with LAN (Front I/O) 2 x external USB 2.0 stacked with PS/2 Combo connector (Front I/O) 2 x internal USB 3.0 (option) 4 x internal USB 2.0 (option) H420E: 8 ports 2 x external USB 3.0 stacked with LAN (Front I/O) 2 x external USB 2.0 stacked with LAN (Front I/O) 2 x external USB 2.0 stacked with PS/2 Combo connector (Front I/O) 2 x internal USB 3.0 (option)

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