

BC-2602

Industrial Rack Mount System with Intel® 9th / 8th Gen. Core™ i7 / i5 / i3 / Pentium® / Celeron® / Xeon® E-2200 / E-2100 CPU ($\leq 65W$)



Features



- Supports Intel® 9th / 8th Gen. Core™ i7 / i5 / i3 / Xeon® E-2200 / E-2100 CPU ($\leq 65W$)
- Supports 4 x DDR4 DIMM memory (ECC/non-ECC) (Q370/C246)
- 1 x VGA, 2 x DP
- 2 x COM, 8 x USB, 2 x LAN, 1 x PS/2
- 6 x SATA III, RAID 0/1/5/10 (Q370/C246)
- 1 x PCIe (x16), 3 x PCIe (x4), 1 x PCIe (x1), 2 x PCI (Q370/C246)
- 1 x Mini PCIe slot (Q370/C246)
- 1 x M.2 slot for NVMe (PCIeX4, 2242/2260 only) (Q370/C246)

Specifications

System

CPU Support	LGA1151 socket for Intel® 9th / 8th Gen. Core™ i7 / i5 / i3 / Xeon® E-2200 / E-2100 CPU ($\leq 65W$)
Chipset	Intel® Q370/C246/H310
Memory Support	4 x DIMM sockets, supporting 2400/2666MHz DDR4 up to 64GB (C246/Q370) 2 x DIMM sockets, supporting 2400/2666MHz DDR4 up to 32GB (H310) Supports ECC (C246)/non-ECC (Q370/C246/H310)
Drive Bay	Supports 4 x 3.5" HDD (SATA 3.0) Supports 2 x 2.5" HDD/SSD (SATA 3.0) (Optional) Supports RAID 0/1/5/10 (Q370/C246)
API/SW/FW	Watchdog
Power Supply	ATX PSU 500W
System Fan	2 x 80x80 system fans
Dimensions	430 x 177 x 330 mm (W x H x D)
Certifications	CE / FCC
O.S. Support	Windows 10 64bit

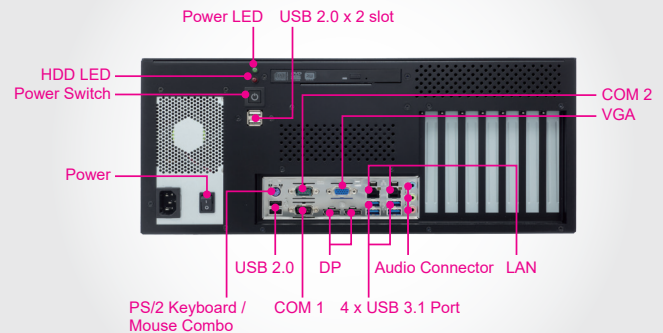
Expansion Slots

Rear I/O	Q370/C246 SKU: 1 x PCIe (x16), 3 x PCIe (x4), 1 x PCIe (x1), 2 x PCI H310 SKU: 1 x PCIe (x16), 1 x PCIe (x4), 2 x PCI
Internal Connector (customized usage)	1 x full/half-sized mini-mPCIe 1 x LPC (pin header) for optional TPM module 1 x USB 3.0 (internal box header) 2 x USB 2.0 (internal wafer) (Q370/C246 SKU) / 1 x USB 2.0 (internal wafer) (H310 SKU) 1 x Micro-SIM slot (Q370/C246 SKU) 4 x COM (internal wafer) (Q370/C246 SKU) / 2 x COM (internal wafer) (H310 SKU) 1 x M.2 slot, NVMe up to PCIeX4, support 2242 & 2260 (either M.2 slot or 4th PCIe slot) 8 in / 8 out DIO (onboard wafer)

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

Display	1 x VGA, up to 1920 x 1200 @60Hz (default) 2 x DP, up to 4096 x 2304 @60Hz (default)
Serial Ports	2 ports (rear I/O) COM 1: RS232 COM 2: RS232/422/485
USB	8 ports: 2 x USB 3.1 in Q370/C246 SKU / 2 x USB 3.0 in H310 SKU 2 x USB 3.0 in Q370/C246 SKU / 2 x USB 2.0 in H310 SKU 2 x USB 2.0 (stacked with PS/2 combo connector) 2 x USB 2.0 (in front panel)
Keyboard/Mouse	1 x PS/2 combo connector for keyboard & mouse (via specific cable)
LAN	2 x GbE LAN Supports Wake-On-LAN Controller: Intel® i219LM (LAN 1), i211AT (LAN 2)
Audio	1 x Mic In / 1 x Line In / 1 x Line Out

* All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales.