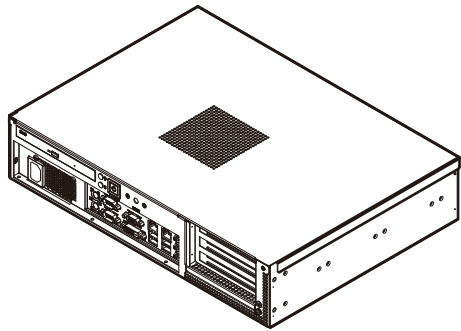


BC-K200

Quick Reference Guide



Ver. Q1

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Packing Checklist

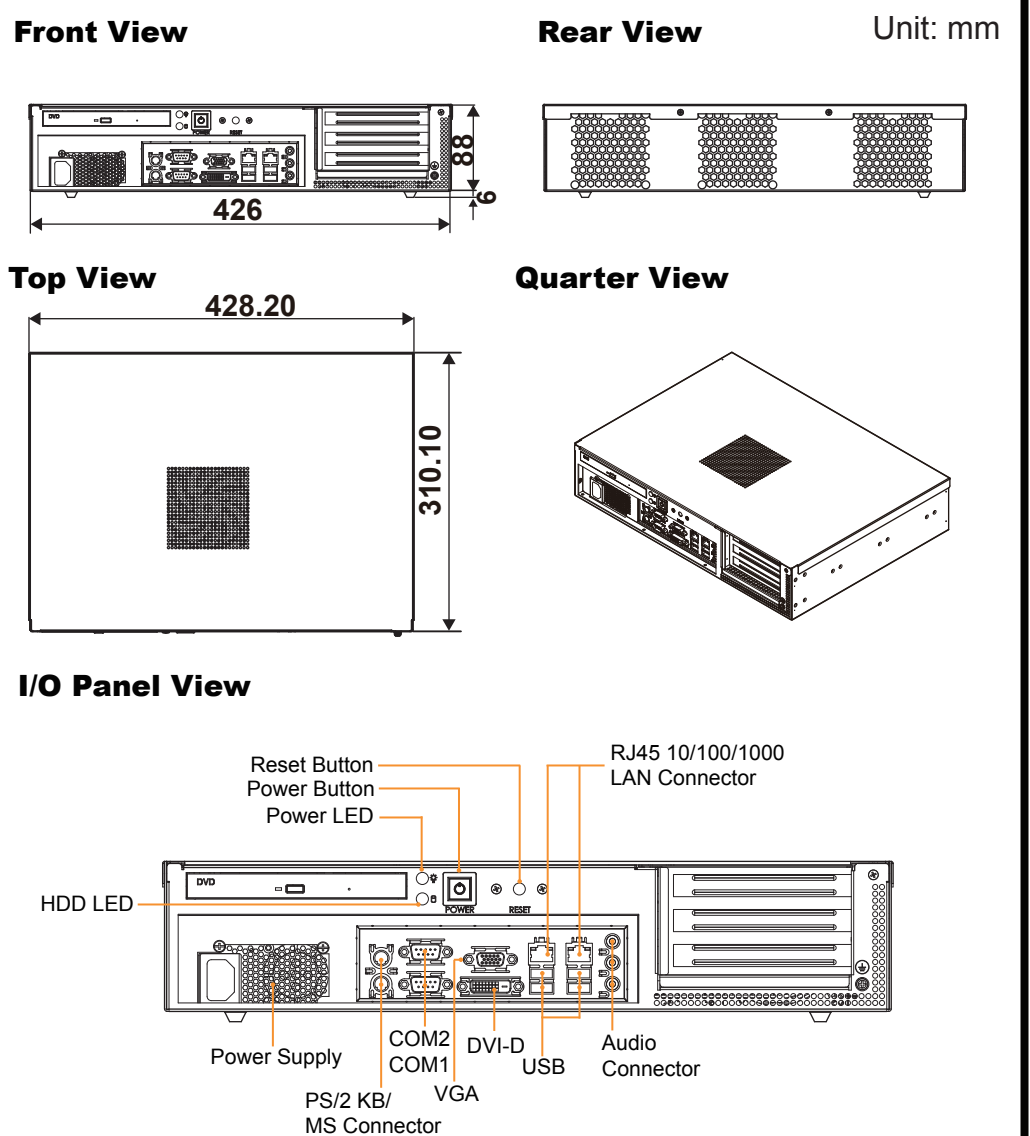
If you discover any item below damaged or lost, please contact your vendor.

- | | |
|--|-----|
| <input checked="" type="checkbox"/> BC-K200 | x 1 |
| <input checked="" type="checkbox"/> This Quick Reference Guide | x 1 |
| <input checked="" type="checkbox"/> Driver/ Manual DVD | x 1 |
| <input checked="" type="checkbox"/> Mini Jumper (2.0 mm) | x 6 |

Specifications

System	
CPU Support	LGA1151 socket for Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 / Pentium® / Celeron® desktop CPU Xeon® E3-1200 V6/V5 server CPU
CPU List	Xeon®: E3-1275 V6, E3-1275 V5, E3-1225 V5, E3-1268 V5 7th Core™: i7-7700(T), i5-7500(T), i3-7101E(TE) 6th Core™: i7-6700(TE), i5-6500(TE), i3-6100(TE) Pentium®: G4400(TE) Celeron® : G3930E(TE), G3900E(TE)
Chipset	Intel® Q170 / H110 / C236
Memory Support	Up to 4 x DDR4 2133MHz DIMM(H110 SKU only 2 DIMM)
Power Supply	Flex ATX 300W power
O.S. Support	Windows® 10 IoT Enterprise
Dimensions (WxHxD)	428.2 x 188 x 310.0mm
Certificate	CE / FCC
I/O Ports	
Drive Bay for Storage	2 x 2.5" HDD/SSD (default) or 1 x 3.5" HDD 1 x Slim ODD
USB	4 x USB 3.0
Serial Ports	2 x COM, COM2: RS232/422/485 auto flow control
LAN	Dual LAN (2 x RJ45) LAN1: Intel® PHY 219LM (GbE) LAN2: Intel® LAN 210AT (GbE)
Fan	1 x CPU fan / 2 x system fans ((with iron mesh & air filter)
Keyboard/Mouse	2 x PS/2 connector for keyboard & mouse
Audio	Mic In / Line In / Line Out
Expansion Bus (option)	PCIeX16 Riser Card + PCIeX16 Extended Card (1 set) PCIeX4 to PCI Riser Card
Display	
VGA	1 x VGA up to 1920 x 1200 @60Hz
DVI-D	1 x DVI-D up to 2560 x 1600 @60Hz
Others	
Notification LED	1 x Power LED / 1 x HDD LED
Button	1 x Power Button / 1 x Reset Button
Environment	
Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Humidity	20% ~ 90% (non-condensing)

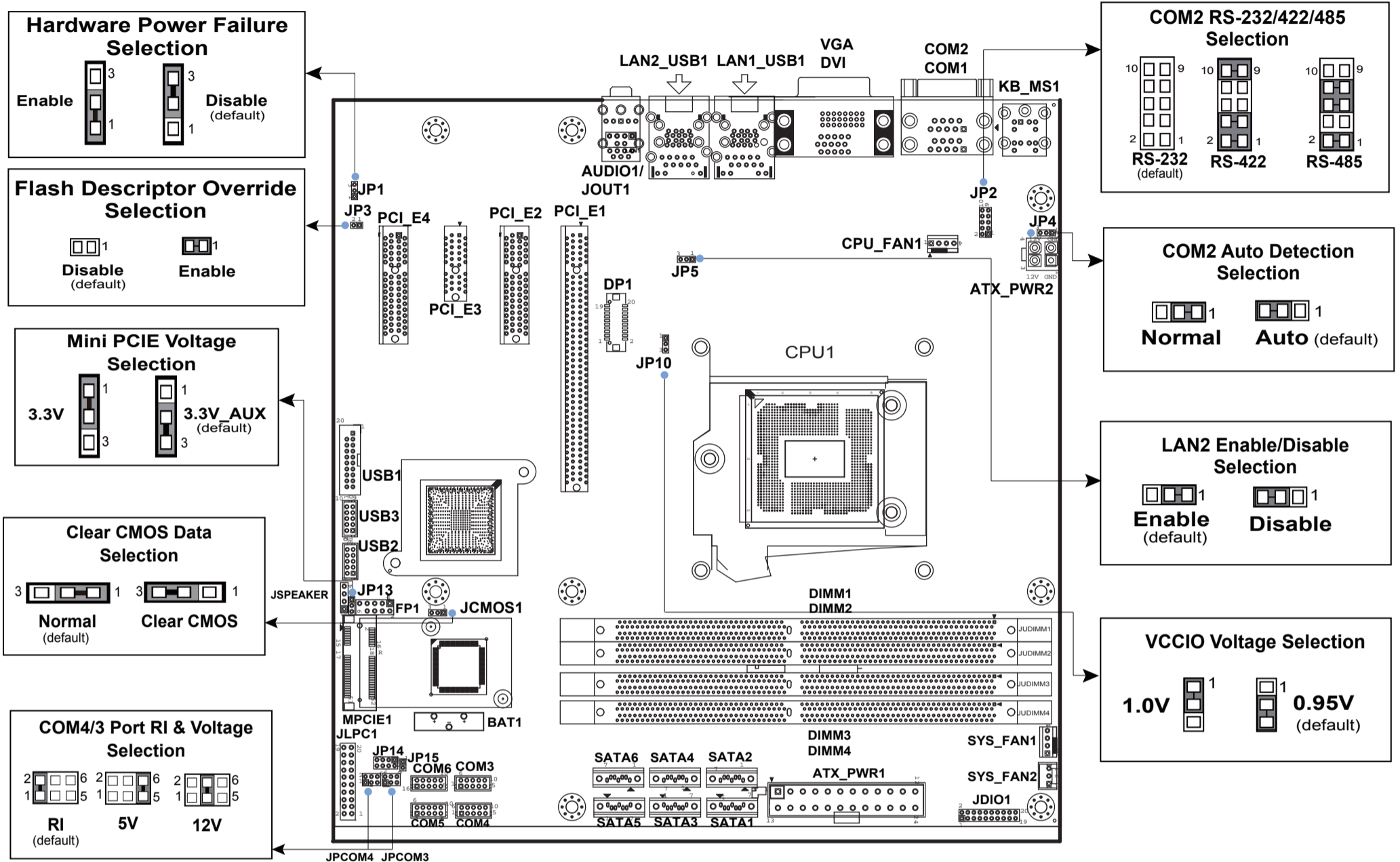
System View



BC-K200 Industrial Rack Mount Chassis

Jumper Setting

CAUTION! Danger of explosion may occur if the battery is replaced incorrectly. Replace batteries only with the same or equivalent type recommended by the manufacturer. Dispose the used batteries according to the manufacturer's instructions.



*Note that C236 SKU has SATA1~6, JDIMM1~4, PCI_E1~4 available. Q170 SKU has SATA1~6, JDIMM1~4, PCI_E1~4 available. H110 SKU only has SATA1~4, JDIMM2/4, PCI_E1~3 available. USB1 is not available for H110 SKU.

Safety Precaution

The following messages are safety reminders on how to protect your system from damages, and thus help you extend the life cycle of the system.

1. Check the Line Voltage

- The operating voltage for the power supply should be DC 24V; otherwise, the system may be damaged.

2. Environmental Conditions

- Place your BC-K200 on a sturdy, level surface. Be sure to allow enough room on each side to have easy access.
- Avoid moving the system rapidly from a hot place to a cold place or vice versa because condensation may come from inside of the system.
- Place BC-K200 against strong vibrations, which may cause hard disk failure.

3. Handling

- Do not turn the system upside down. This may cause the hard drive to mal-function.

- Do not allow foreign objects to fall into this product.

- If water or other liquid spills into this product, unplug the power cord immediately.

4. Good Care

- When the outside of the case is stained, remove the stain with neutral washing agent with a dry cloth.
- If dust has been accumulated on the outside, remove it by using a special made vacuum cleaner for computer.

CAUTION!

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

WARNING!

Some internal parts of the system may have high electrical voltage. Therefore we strongly recommend qualified engineers open and disassemble the system.