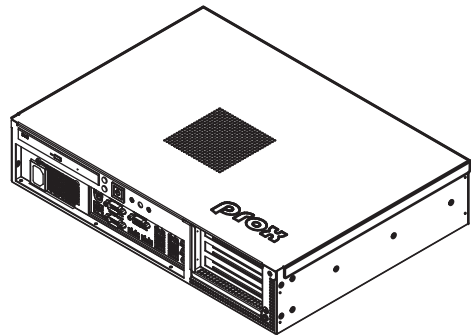


# BC-K201

## Quick Reference Guide



Ver. Q1

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## Packing Checklist

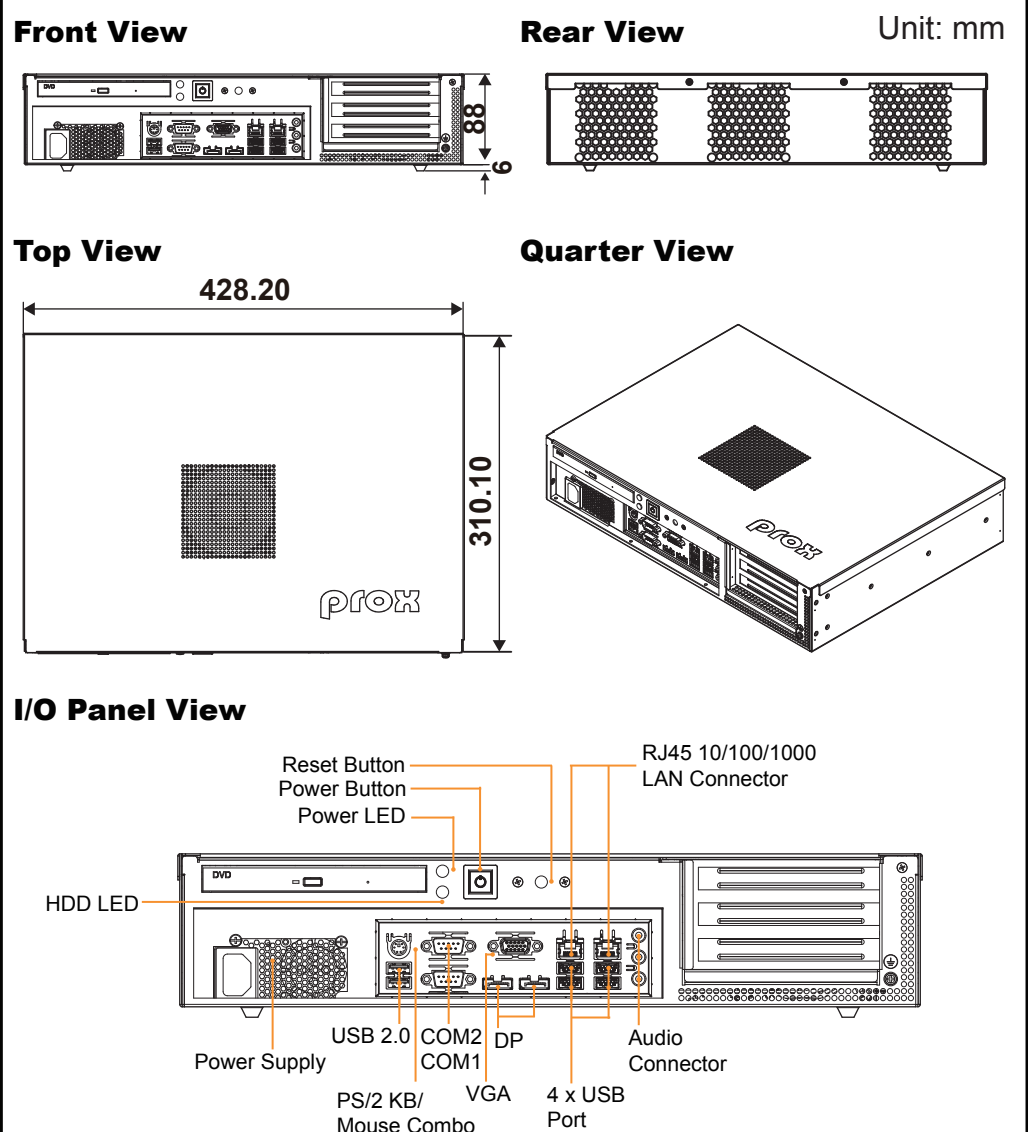
If you discover any item below damaged or lost, please contact your vendor.

- |  |     |
|--|-----|
| <input checked="" type="checkbox"/> BC-K201                      | x 1 |
| <input checked="" type="checkbox"/> Driver/Manual DVD            | x 1 |
| <input checked="" type="checkbox"/> This Quick Reference Guide   | x 1 |
| <input checked="" type="checkbox"/> Mini Jumper (2 mm)           | x 6 |
| <input checked="" type="checkbox"/> HEX CU BOSS for M.2          | x 1 |
| <input checked="" type="checkbox"/> Fillister Head Screw for M.2 | x 1 |

## 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 Core™: i9-10900E(TE), i7-10700E(TE), i5-10500E(TE), i3-10100E(TE) Pentium®: G6400E, G6400TE / Celeron®: G5900E, G5900TE
Chipset	Intel® W480E / Q470E / H420E
Memory Support	Up to 4 x DDR4 2933MHz DIMM(H420E SKU only 2 DIMM)
Power Supply	ATX 300W Power Supply
O.S. Support	Windows® 10 IoT Enterprise
Dimensions (WxHxD)	480 x 88 x 310.1mm (with handle) 428.2 x 88 x 310.1 mm (without handle)
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	6 x USB (front I/O)
Serial Ports	2 x COM, COM2: RS232/422/485 auto flow control (front I/O)
LAN	Dual LAN (2 x RJ45, front I/O) LAN1: Intel® PHY 219LM (GbE)/LAN2: Intel® LAN 211AT (GbE)
System Fan	2 x 80x80 mm System Fan / 3 x Air Filter
Keyboard/Mouse	1 x PS/2 Combo connector for keyboard & mouse (rear I/O)
Audio	Mic In / Line In / Line Out (front I/O)
Expansion Slots (option)	PCIeX16 Riser Card + PCIeX16 Extended Card (1 set) PCIeX4 to PCI Riser Card or PCIeX4 Riser Card
Display	
Flexible Display	<b>W480E/Q470E:</b> 1 x VGA, 2 x DP, support triple independent display <b>H420E:</b> 1 x VGA, 2 x DP, support dual independent display
VGA	1 x VGA up to 1920 x 1200 @60Hz
DisplayPort	2 x DP (rear I/O) up to 4096 x 2304 @60Hz (Default)
Others	
Notification LED	1 x Power LED / 1 x HDD LED
Power / Reset 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)

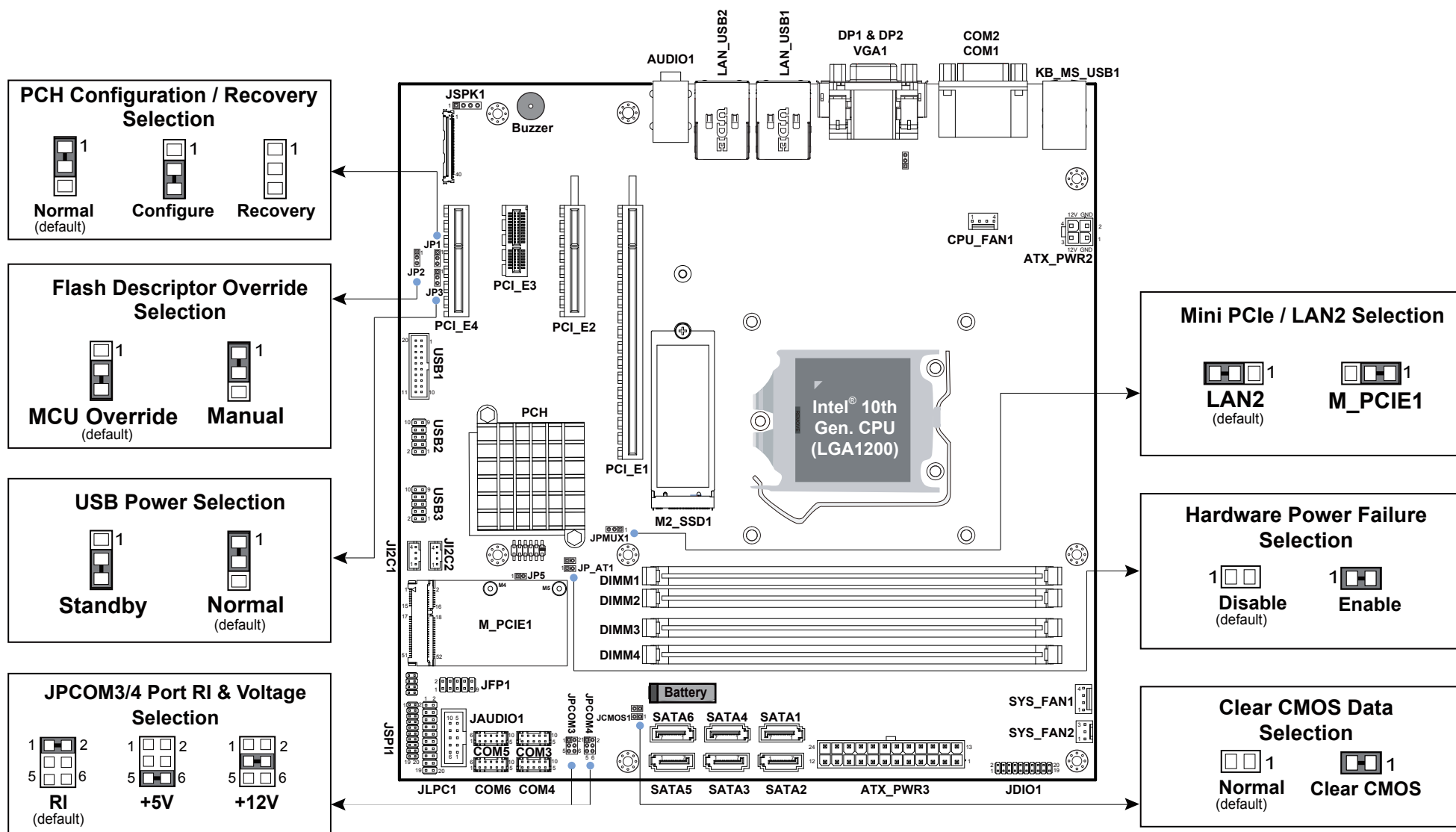
## System View



# BC-K201 Industrial Rack Mount System

## 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.



## 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 ATX 300W; otherwise, the system may be damaged.

### 2. Environmental Conditions

- Place your BC-K201 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-K201 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.