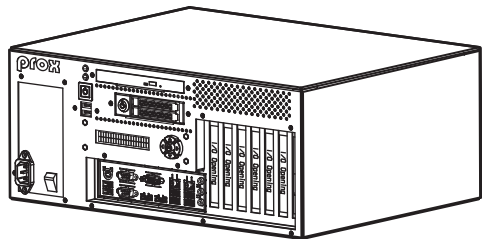


BC-2602

Quick Reference Guide



Ver. Q1

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Packing Checklist

If you discover any of the items below are damaged or lost, please contact your vendor.

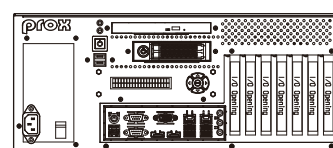
- BC-2602 x 1
- This Quick Reference Guide x 1
- Driver/ Manual DVD x 1
- Mini Jumper (2.0 mm) x 6

Specifications

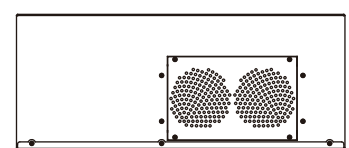
| | |
|-----------------------|---|
| System | |
| CPU | Intel® 9th / 8th Gen. Core™ i7/ i5 / i3 / Pentium® / Celeron® CPU Xeon® E-2200 / E-2100 server CPU |
| Memory Support | C246/Q370: 4 x DDR4 SO-DIMM sockets (up to 64GB) H310: 2 x DDR4 SO-DIMM sockets (up to 32GB) |
| Power Supply | ATX 500W power |
| O.S. Support | Windows® 10 IoT Enterprise |
| Dimensions (WxHxD) | 430 x 331.3 x 177mm |
| Certificate | FCC/CE |
| I/O Ports | |
| SATA Interface | C246/Q370: 6 x SATA III (6.0Gb/s) with RAID 0,1,5,10 H310: 4 x SATA III (6.0Gb/s) without RAID |
| USB | C246/Q370: 4 x USB 3.1, 2 x USB 2.0 H310: 2 x USB 3.1, 4 x USB 2.0 |
| Serial Ports | COM1(RS-232) & COM2(RS-232/422/485 selectable under BIOS) |
| Parallel Port | 1 x LPT connector |
| Dual LAN (RJ45) | LAN1: Intel® PHY 219LM / LAN 2: Intel® LAN 211AT Supports Wake-On-LAN & PXE |
| Expansion Bus | C246/Q370: 1 x PCIe (x16) slot / 3 x PCIe (x4) slots / 1 x PCIe (x1) slot / 2 x PCI slots / 1 x mini PCIe slot H310: 1 x PCIe (x16) slot / 1 x PCIe (x4) slot / 2 x PCI slots |
| FAN | 1 x CPU fan, 2 x system fans |
| M.2 Slot | 1 x M.2 slot, NVMe up to PCIeX4, support 2242 & 2260 |
| SIM Slot | 1 x SIM slot |
| KB & MS | 1 x PS/2 Combo connector for keyboard & mouse |
| Audio | Mic In / Line In / Line Out |
| LPC | 1 x LPC pin header for TPM module |
| Display | |
| Flexible Display | Standard SKU: 1 x VGA, 2 x DP C246/Q370 support triple independent display H310 supports dual independent display |
| Others | |
| I ² C | 2 x I ² C 4-pin wafer |
| Front Panel LED | HDD LED, Power LED, Power Switch |
| TPM on board (option) | Co-lay TPM1.2 / TPM2.0 chip (optional) |
| Environment | |
| Temperature | Operating: 0~40°C (32~104°F) / Storage: -40~85°C (-40~ 85°F) |
| Humidity | 20%~ 90% (non-condensing) |

System View

Front View

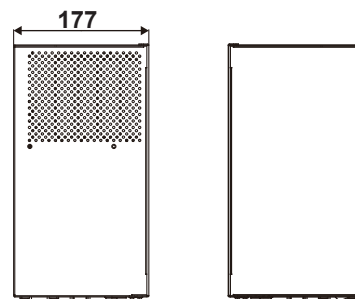


Rear View

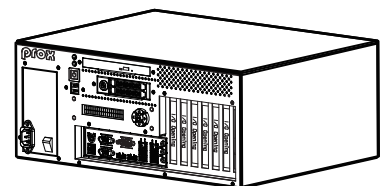


Unit: mm

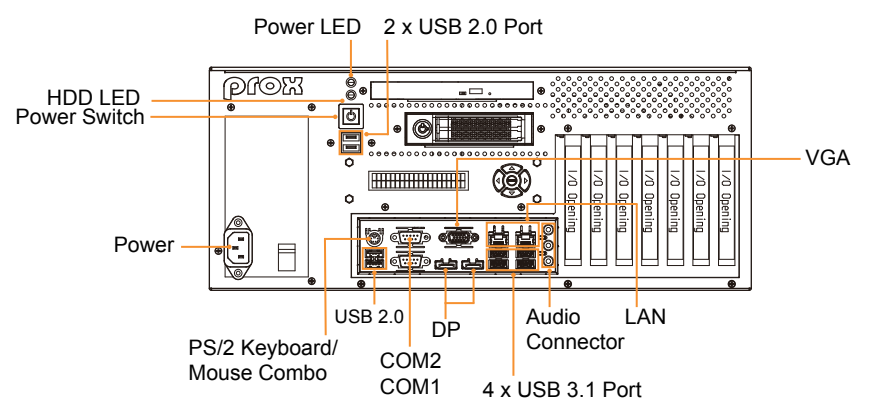
Side View



Quarter View



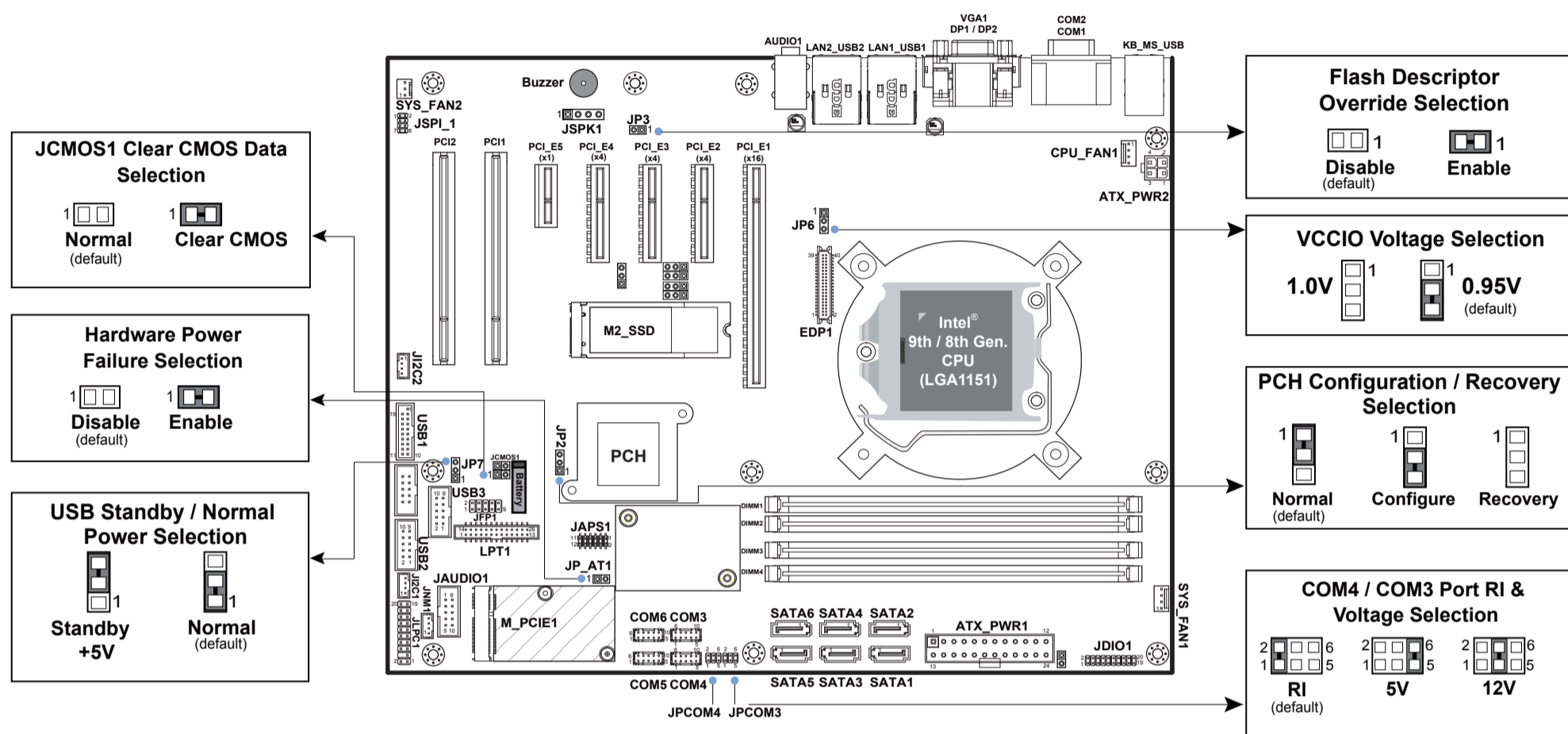
I/O View



BC-2602

Industrial Rack Mount System with Intel® 9th / 8th Gen. CPU

Jumper Setting



Note 1: COM5, COM6, EDP1, M_PCIE1, PCI_E2, PCI_E3, PCI_E5 are only supported on C246 / Q370 SKU.

Note 2: C246 / Q370 SKU supports USB 3.1 Gen2 on LAN1_USB1. H310 SKU supports USB 3.1 Gen1 on LAN1_USB1.

Note 3: C246 / Q370 SKU supports USB 3.1 Gen1 on LAN2_USB2. H310 SKU supports USB 2.0 on LAN2_USB2.

Note 4: C246 / Q370 SKU supports 6 SATA ports on SATA1~SATA6. H310 SKU supports 4 SATA ports on SATA1~SATA4.

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 within the range of 100V to 240V AC; otherwise, the system may be damaged.

2. Environmental Conditions

- Place your BC-2602 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-2602 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.