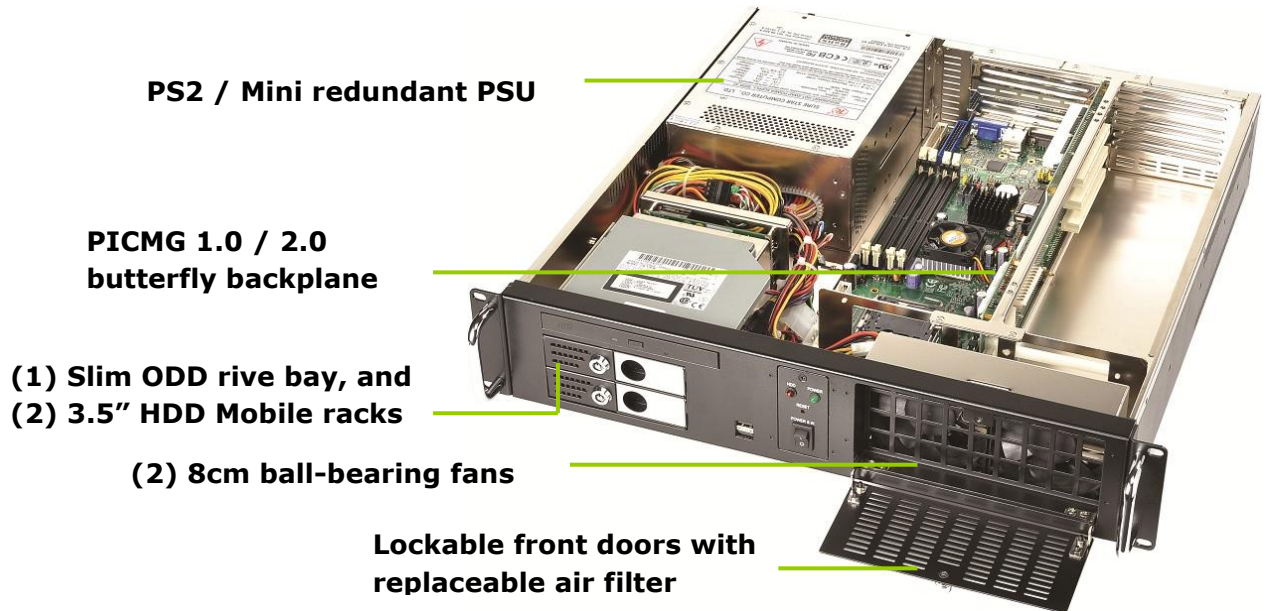




2U Rackmount chassis for SBC board with 3 Drive bays, supports PICMG 1.0 / 1.3 backplane and PS2 / Mini redundant PSU



Introduction

The **RCK-203BR** is a 2U Rackmount chassis with a depth of only 450mm (17 inch). The chassis is designed to support a PICMG 1.0 or 1.3 SBC through a butterfly backplane, and thus is a perfect choice for sub-racks and short rack cabinets. The RCK-203BR can support (1) slim CD-ROM, and (2) 3.5" SATA HDD. Additional I/O expansion can be easily configured through the (4) PCI slots found on the optional PICMG backplane. Two 8cm ball bearing fans ensure excellent airflow when faced with a heat sensitive application. To ensure the 7/24 stable runtime system, the chassis also supports mini redundant power supply. The **RCK-203BR** provides a robust solution to Firewall Server, Proxy Server, VPN Gateway while still remaining compact.

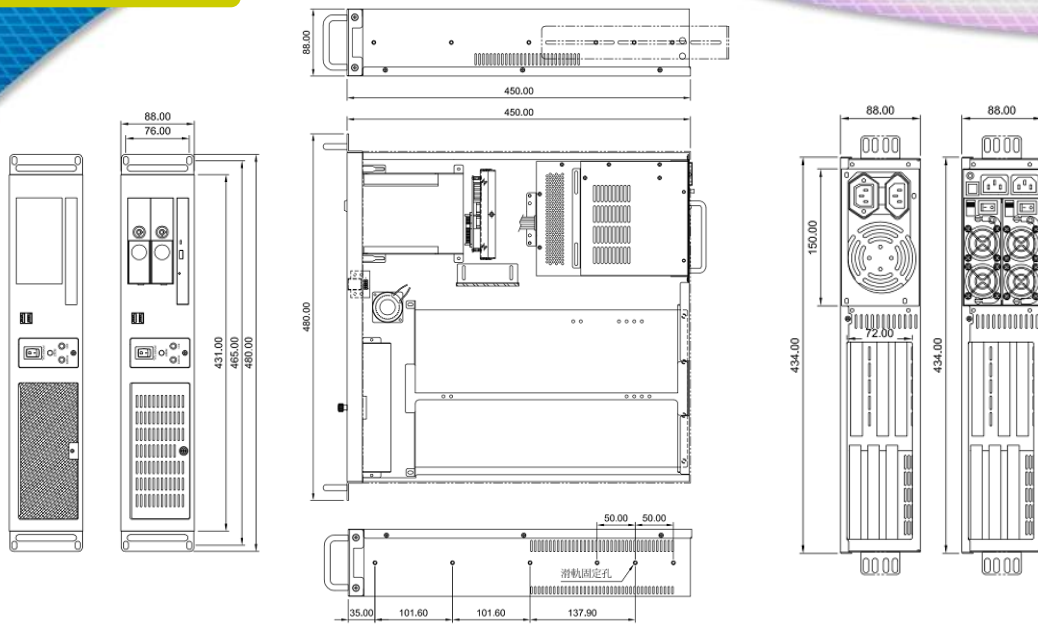
Features

- 19"2U Industrial rackmount chassis
- Heavy-duty steel with only 450mm in depth
- Support Full-size SBC board through PICMG 1.0 / 1.3 butterfly backplane
- (1) Slim ODD drive bay, and (2) 3.5" SATA HDD Mobile racks
- USB ports on the front panel
- (2) 80mm ball-bearing fans with replaceable filter
- Support up to 600W PS2, or up to 500W Mini-redundant power supply
- Supports PS2 Mini redundant PSU
- Optional 18-inch ball-bearing slide rail

RCK-203BR

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

Mechanical Drawing



Construction

- Heavy-duty steel with Ni plating

Color

- Black (optional color by order)

Board support

- Full-size Single Board Computer

Drive bays

- (1) Slim ODD drive bay, and
- (2) 3.25" SATA HDD Mobile racks

Expansion

- BPE-0502P-2U: PICMG 1.3 backplane with (2) PCIe and (2) PCI slots
- BPE-0605E-2U: PICMG 1.3 backplane with (5) PCIe slots
- BP-0604P-2U: PICMG 1.0 backplane with (4) PCI slots
- BP-0602P-2U: PICMG 1.0 backplane with (2) PCI and (2) ISA slots

Power Supply

- Up to 600W PS2 Power supply
- Up to 500W Mini redundant Power supply

Cooling System

- (2) 8cm ball-bearing fans with replaceable filter

Switch

- On/Off Switch and Reset Switch

Indicator

- Power On/Off LED and HDD LED

Operating Temperature

- 0~45°C

Weight

- NW: 7.4kg / 16.3lbs
- GW: 10kg / 22.1lbs

Dimension (W x D x H)

- 434 x 450 x 88mm / 17 x 17.7 x 3.5inches

Ordering Information

RCK-203BR	2U Rackmount chassis for full-size SBC board with (3) drive bays
RCK-203BR-0502P	RCK-203BR chassis with PICMG 1.3 BPE-0502P-2U backplane
RCK-203BR-0502P-400W	RCK-203BR chassis with PICMG 1.3 BPE-0502P-2U b/p and 400W PSU
RCK-203BR-0502P-400WR	RCK-203BR chassis with PICMG 1.3 BPE-0502P b/p and 400W RPSU
RCK-203BR-0605E	RCK-203BR chassis with PICMG 1.3 BPE-0605E-2U backplane
RCK-203BR-0605E-400W	RCK-203BR chassis with PICMG 1.3 BPE-0605E-2U b/p and 400W PSU
RCK-203BR-0604P	RCK-203BR chassis with PICMG 1.0 BP-0604P-2U backplane
RCK-203BR-0604P-400W	RCK-203BR chassis with PICMG 1.0 BP-0604P-2U b/p and 400W PSU
RCK-203BR-0602P	RCK-203BR chassis with PICMG 1.0 BP-0602P-2U backplane
RCK-203BR-0602P-400W	RCK-203BR chassis with PICMG 1.0 BP-0602P-2U b/p and 400W PSU
MT-SR120	Optional 18-inch ball-bearing slide rail for 460~650mm rack cabinet

* Optional 600W PSU and 400W&500W Mini-redundant PSU are available for all above chassis configuration.

