



2U rackmount chassis for Single Board Computer with 3 drive bays, PICMG1.0/ 1.3 backplane and optional 600W ATX power supply

Up to 600W ATX PFC Power Supply

Full extension slide rail

PICMG1.0/ 1.3 Backplane

Slim CD-ROM & two 3.5" SATA HDD

mobile racks

8cm System Fans



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

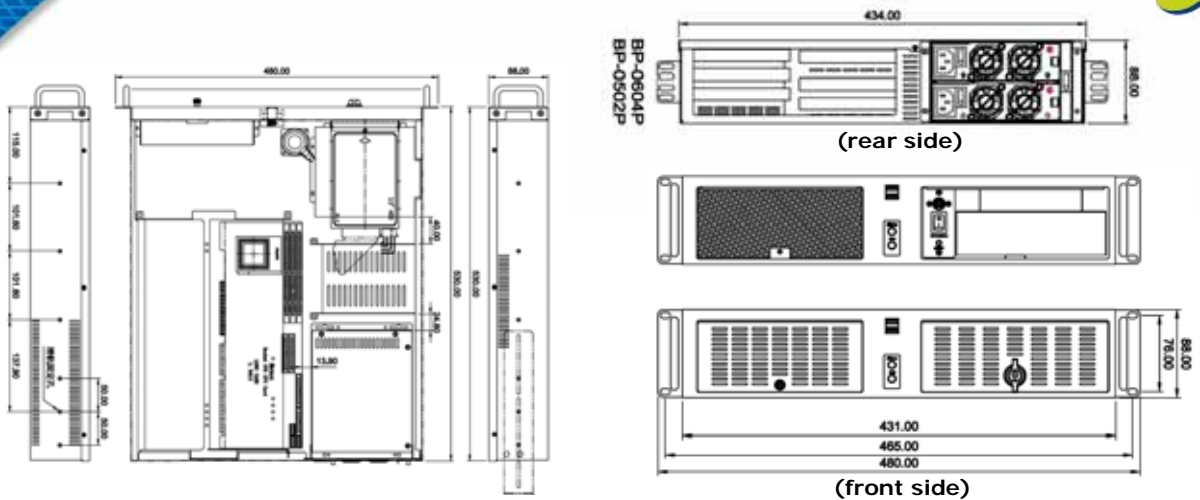
- Heavy duty steel construction with only 450mm in depth
- Supports Full Size SBC through PICMG1.0/ 1.3 butterfly backplane
- Drive Bays: (1) Slim CD-ROM, (2) 3.5" SATA HDD mobile racks
- USB ports on the front panel
- Two 8cm ball bearing fans to ensure excellent heat dissipation
- Optional up to 600W ATX power supply or mini-redundant power supply included
- Full extension slide rail

RCK-203BR

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS



Mechanical Drawing



Construction

- Heavy duty steel

Color

- Black, optional other color by order

Board Support

- Single Board Computer

Drive Bays

- (1) Slim CD-ROM, (2) 3.5" SATA HDD mobile racks

Expansion

- PICMG 1.0 backplane with (4) PCI slots
- PICMG 1.3 backplane with (1) PCIe x16, (1) PCIe x4 and (2) PCI slots

Power Supply

- Up to 600W PS/2 ATX Power Supply (Optional 80PLUS)
- Mini-Redundant Power Supply

Cooling System

- Two 8cm ball bearing fans

Switches

- On/Off Switch and Reset Switch

Indicators

- Power On/Off LED and HDD LED

Dimensions

- 434 (W) x 450 (D) x 88 (H) mm
- 17 (W) x 17.7 (D) x 3.5 (H) inches

Operating Temperature

- 0~45 °C

Net/Gross Weight

- 7.4Kg/10Kg

Ordering Information

RCK-203BR	2U chassis with (3) drive bay
RCK-203BR -0604P-400W	2U chassis with (1) PICMG & (4) PCI slots backplane and 350W ATX PFC power supply
RCK-203BR -0604P-500W	2U chassis with (1) PICMG & (4) PCI slots backplane and 500W ATX PFC power supply
RCK-203BR -0502P-400W	2U chassis with (1) PICMG1.3 & (1) PCIe x16, (1) PCIe x4 and (2) PCI, 350W ATX PFC power Supply
RCK-203BR -0502P-500W	2U chassis with (1) PICMG1.3 & (1) PCIe x16, (1) PCIe x4 and (2) PCI, 500W ATX PFC power Supply