RCK-103BR

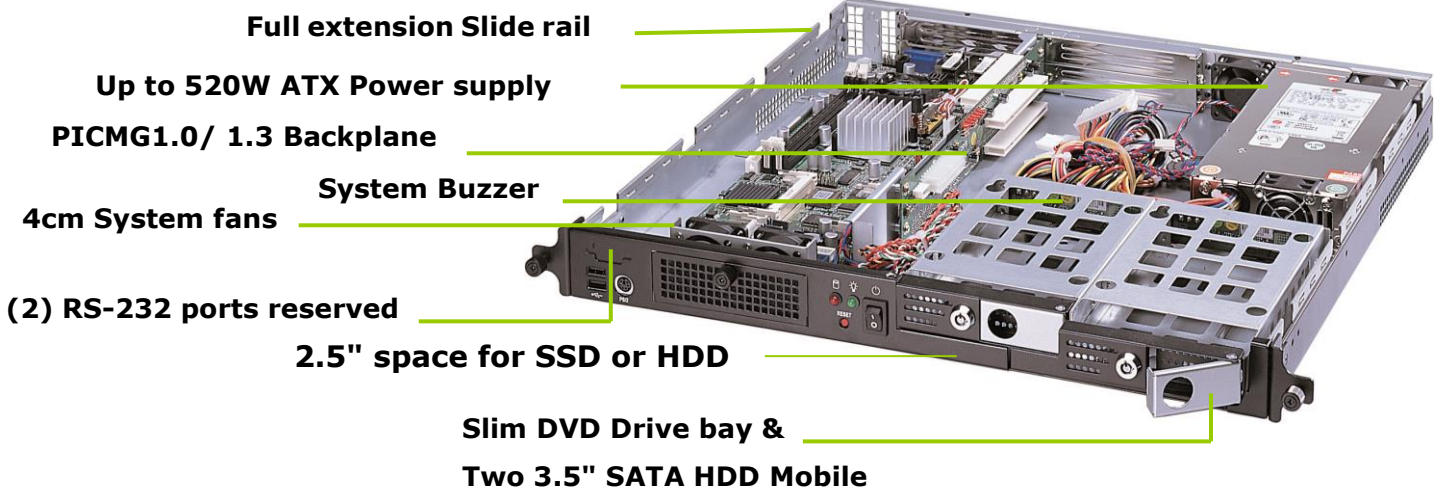**1U Rackmount chassis for SBC Board with 3 Drive bays, PICMG1.0/ 1.3 backplane and up to 520W ATX Power supply**

- Full extension Slide rail
- Up to 520W ATX Power supply
- PICMG1.0/ 1.3 Backplane
- System Buzzer
- 4cm System fans
- (2) RS-232 ports reserved
- 2.5" space for SSD or HDD
- Slim DVD Drive bay & Two 3.5" SATA HDD Mobile

Introduction

The **RCK-103BR** boasts a depth of only 422mm (16.6"), and is one of the shortest 1U chassis providing an ideal solution for those applications where depth can make or break a project. Designed to support a PICMG 1.0/ 1.3 Backplane and SBC, the RCK-103BR proves to be a perfect choice for sub-racks and short rack cabinets. The RCK-103BR can support (1) Slim DVD, and (2) 3.5" SATA HDD. Additional I/O expansion can be easily configured through the 3 PCI slots found on the optional PICMG backplane. Total of three 4cm ball-bearing fans ensure excellent airflow when faced with a heat sensitive application. The **RCK-103BR** provides a robust solution to Firewall Server, Proxy Server, VPN Gateway while still remaining compact.
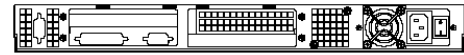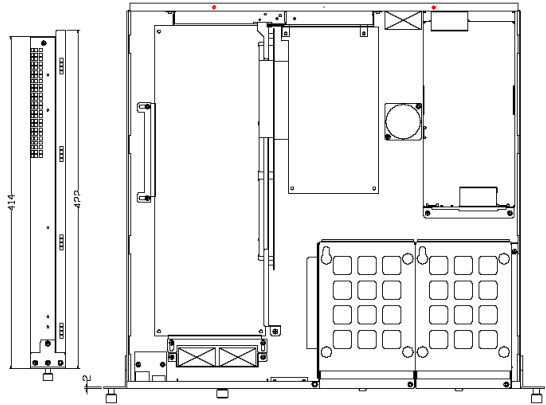
Features

- Heavy duty steel construction with only 422mm in depth
- Supports Full-size SBC through PICMG1.0/ 1.3 butterfly backplane
- (1) Slim DVD drive bay, (2) 3.5" SATA HDD mobile racks, (1) 2.5" space for SSD or HDD
- USB and PS/2 ports on the front panel
- RS-232 on front and rear panel
- Three 4cm ball-bearing fans to ensure excellent heat dissipation
- Optional 300/ 400/ 460 and 520W ATX Power supply
- Full extension Slide rail
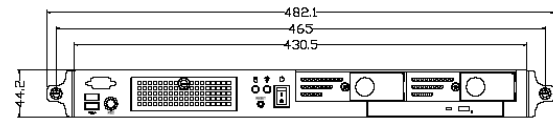
RCK-103BR

PICMG 1.3

PICMG 1.0

(rear side)

(front side)

Construction

- Heavy duty steel

Color

- Black

Board Support

- Single Board Computer

Drive Bays

- (1) Slim DVD, (2) 3.5"SATA HDD mobile racks, (1) 2.5" space for SSD or HDD

Expansion

- PICMG 1.0 backplane with 3 PCI slots or PICMG 1.3 backplane with 1 PCIe x16 slot

Power Supply

- 300/ 400/ 460/ 520W ATX Power supply

Cooling System

- Three 4cm ball-bearing fans

Audio

- One 8Ω system buzzer

Switches

- On/Off Switch and Reset Switch

Indicators

- Power On/Off LED and HDD LED

Dimensions

- 430.5(W) x 422(D) x 44.2(H) mm
- 16.9 (W) x 16.6 (D) x 1.66 (H) inches

Operating Temperature

- 0~45 ºC

Gross Weight

- 10.8kg / 23.8lbs

Ordering Information

RCK-103BR -403P-300W	1U chassis with (1) PICMG & (3) PCI slots backplane, and 300W ATX PSU
RCK-103BR -403P-460W	1U chassis with (1) PICMG & (3) PCI slots backplane, and 460W ATX PSU
RCK-103BR -201E-300W	1U chassis with (1) PICMG1.3 & (1) PCIe x16 slot backplane, and 300W ATX PSU
RCK-103BR -201E-460W	1U chassis with (1) PICMG1.3 & (1) PCIe x16 slot backplane, and 460W ATX PSU