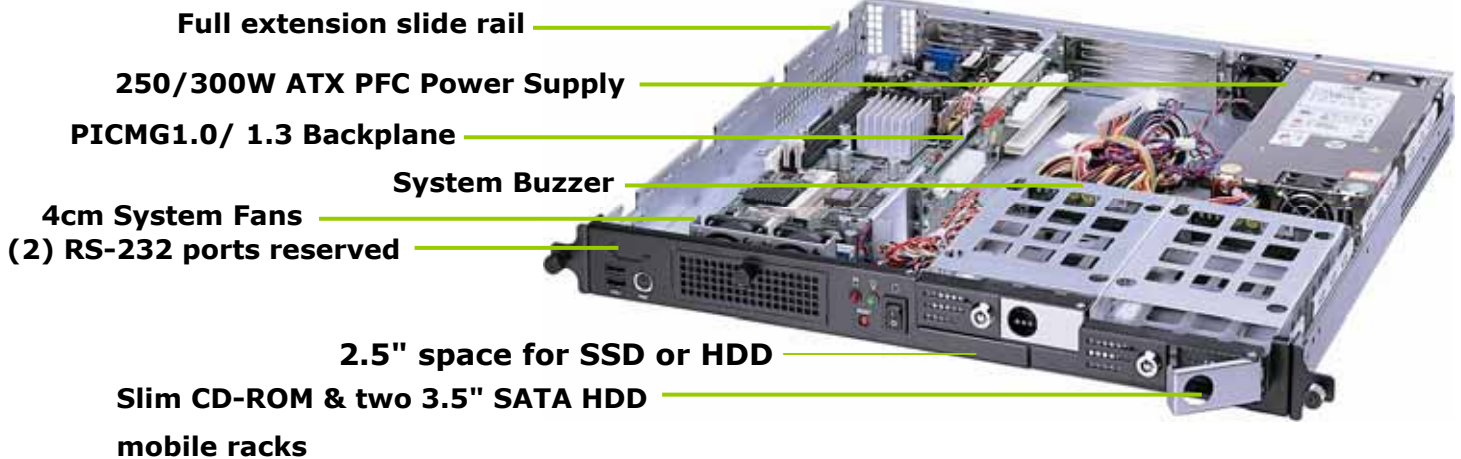




**1U rackmount chassis for Single Board Computer with 3 drive bays, PICMG1.0/ 1.3 backplane and optional 250W/300W ATX power supply**



## Introduction

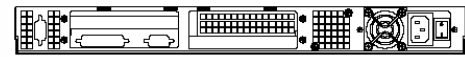
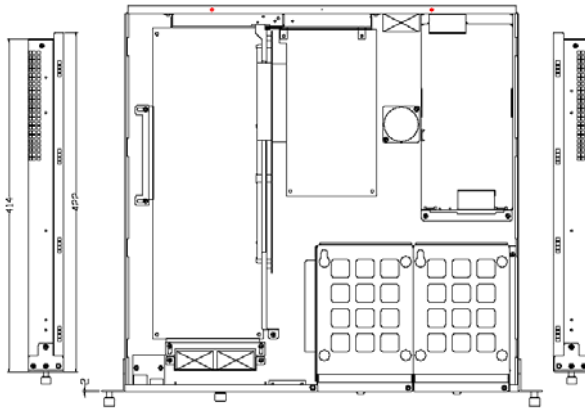
The **RCK-103BR** boasts a depth of only 422mm (16.6"), and is one of the shortest 1U chassis providing an ideal solution for those applications where depth can make or break a project. Designed to support a PICMG 1.0/ 1.3 Backplane and SBC, the RCK-103BR proves to be a perfect choice for sub-racks and short rack cabinets. The RCK-103BR can support (1) slim CD-ROM, 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
- Drive Bays: (1) Slim CD-ROM, (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 250/300W ATX power supply included
- Full extension slide rail



## Mechanical Drawing

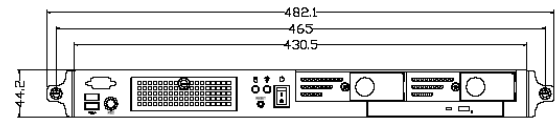


**PICMG 1.3**



**PICMG 1.0**

(rear side)



(front side)

### Construction

- Heavy duty steel

### Color

- Black

### Board Support

- Single Board Computer

### Drive Bays

- (1) Slim CD-ROM, (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

- 250/300W ATX PFC 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 1.7 (H) inches

### Operating Temperature

- 0~45 °C

### Gross Weight

- 10.8kg

### Ordering Information

**RCK-103BR  
-403P-250W**

1U chassis RCK-103BR with (1) PICMG & (3) PCI slots backplane and 1U 250W ATX PFC power supply

**RCK-103BR  
-403P-300W**

1U chassis RCK-103BR with (1) PICMG & (3) PCI slots backplane and 1U 300W ATX PFC power supply

**RCK-103BR  
-201E-250W**

1U chassis RCK-103BR with (1) PICMG1.3 & (1) PCI-express x16 slot backplane and 1U 250W ATX PFC power supply

**RCK-103BR  
-201E-300W**

1U chassis RCK-103BR with (1) PICMG1.3 & (1) PCI-express x16 slot backplane and 1U 300W ATX PFC power supply