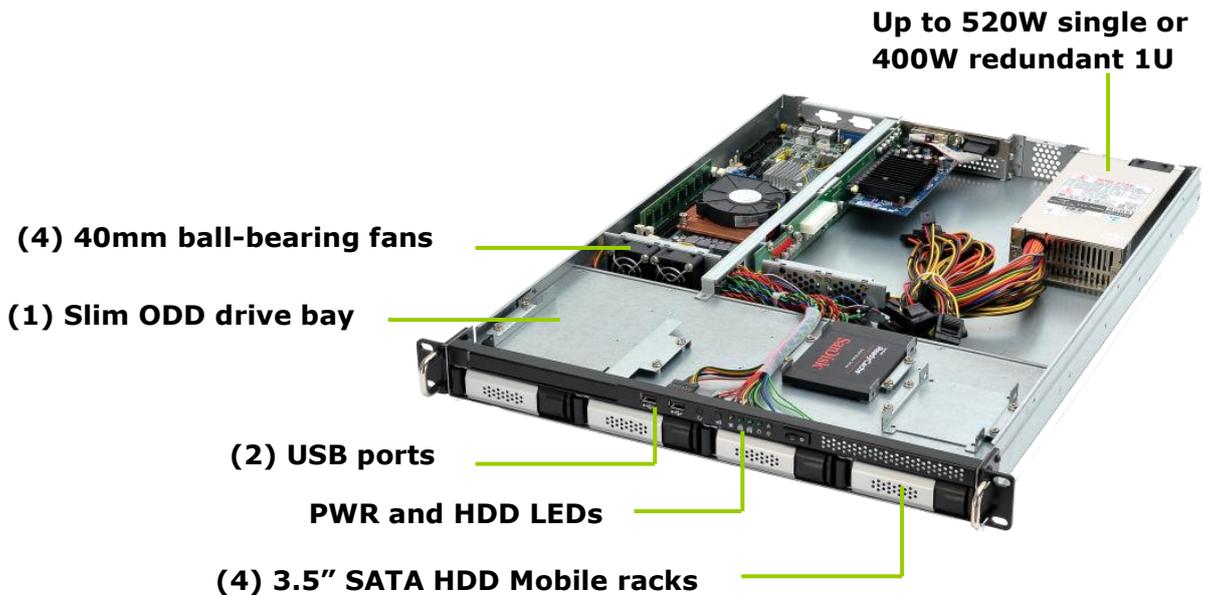




1U Rackmount Server Chassis for PICMG 1.3 SBC Board with 4 HDD Mobile racks and supports 1U single or redundant PSU



Introduction

The **RCK-107BR** is a rugged 1U server chassis with a depth of 600mm (23.62"), and 4 HDD mobile racks, providing an ideal solution for critical applications such as Data Center, Storage, Cloud solution. Designed to support a PICMG 1.3 Backplane and SBC board, the RCK-107BR proves to be a perfect choice for Server cabinets. Additional I/O expansion can be easily configured through the PCI3 x16 slot found on the PICMG 1.3 backplane. Total of four 4cm ball-bearing fans ensure excellent airflow when faced with a heat sensitive application. The **RCK-107BR** provides a robust solution to Firewall Server, Proxy Server, VPN Gateway.

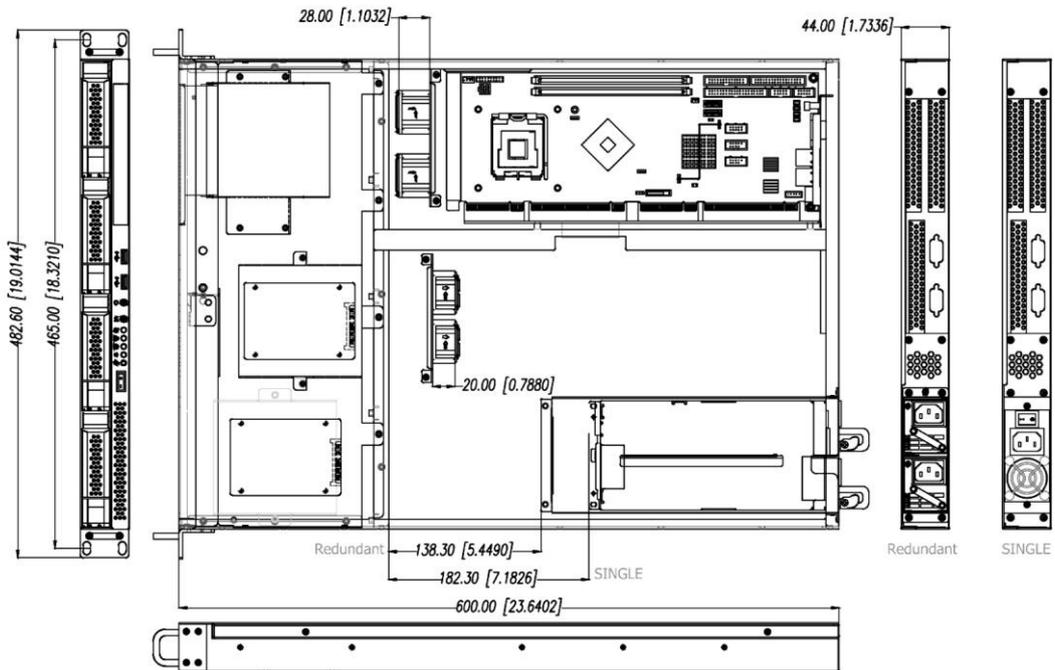
Features

- Heavy-duty steel construction with 600mm in depth
- Support Full-size SBC through PICMG 1.3 backplane with 1x PCIe x16 slot
- (4) 3.5" SATA HDD mobile racks, (1) Slim ODD drive bay (2) 2.5" space for SSD or HDD
- (2) USB ports on front panel
- LED indicators
- (4) 40mm ball-bearing fans
- Supports 1U power supply:
 - Up to 520W single PSU, or
 - 400W redundant PSU
- Optional ball-bearing slide rail





Mechanical Drawing



Construction

- Heavy-duty steel

Color

- Black front panel with silver color chassis

Board support

- PICMG 1.3 SBC board

Drive bays

- (4) 3.5" SATA HDD mobile racks
- (1) Slim ODD drive bay
- (2) Space for 2.5" SSD or HDD drives

Expansion

- PICMG 1.3 backplane w/ 1x PCIe x16 slot

Power Supply

- Up to 520W single 1U, or
- 400W 1U redundant Power supply

Cooling System

- (4) 40mm ball-bearing fans

I/O Port

- (2) USB 2.0 (with optional USB 3.0)

Switch

- Power On/Off and Reset switch

Indicator

- Power On/Off and HDD activity LEDs

Operating temperature

- 0~45°C

Gross Weight

- 7.2kg / 15.87lbs

Dimension (W x D x H)

- 432 x 600 x 44mm
- 17 x 23.62 x 1.73 inches

Ordering Information

RCK-107BR-201E	1U Server chassis with (1) PICMG 1.3 & (1) PCIe x16 Slots backplane
RCK-107BR-201E-300W	1U Server chassis with PICMG 1.3 backplane and 300W PSU
RCK-107BR-201E-460W	1U Server chassis with PICMG 1.3 backplane and 460W PSU
RCK-107BR-201E-520W	1U Server chassis with PICMG 1.3 backplane and 520W PSU
RCK-107BR-201E-400WR	1U Server chassis with PICMG 1.3 backplane and 400W redundant PSU