RCK-107BR

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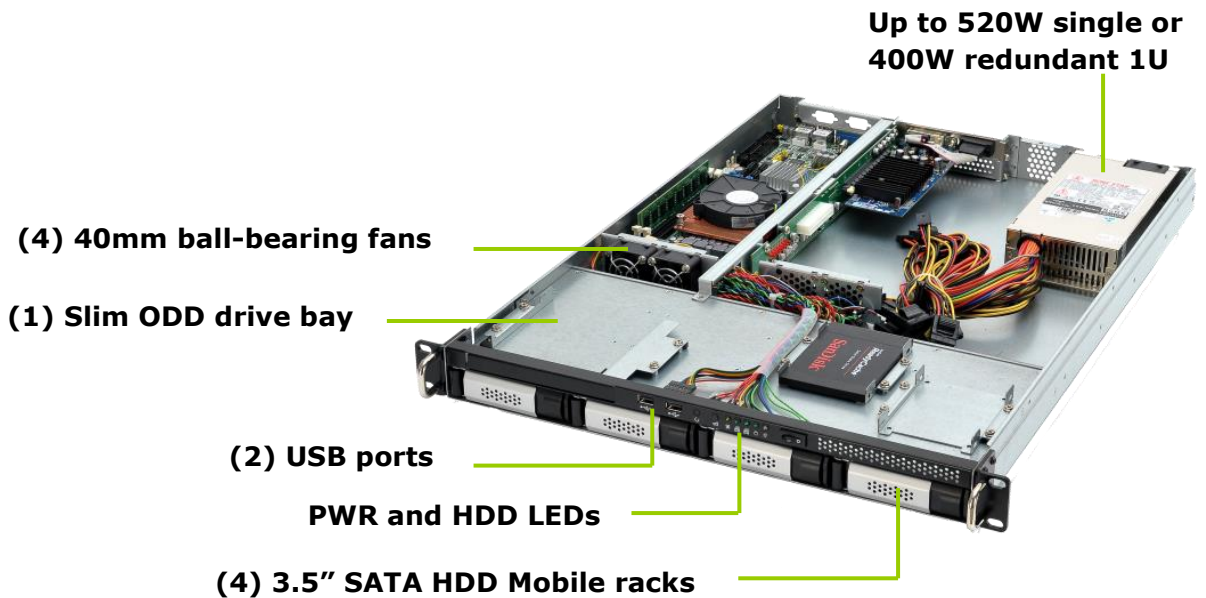
1U Rackmount Server Chassis for PICMG 1.3 SBC Board with 4 HDD Mobile racks and supports 1U single or redundant PSU

Up to 520W single or 400W redundant 1U

(4) 40mm ball-bearing fans

(1) Slim ODD drive bay

(2) USB ports

PWR and HDD LEDs
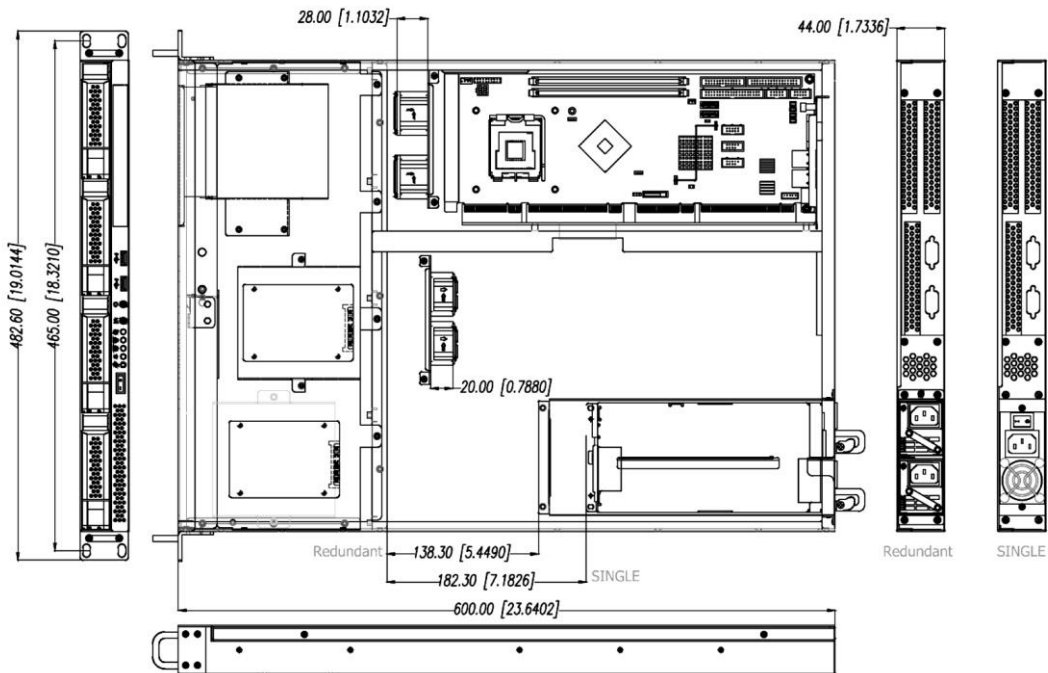
(4) 3.5" SATA HDD Mobile racks

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 contruction 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

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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" SDD 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
- 0~45ºC

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 redundantPSU