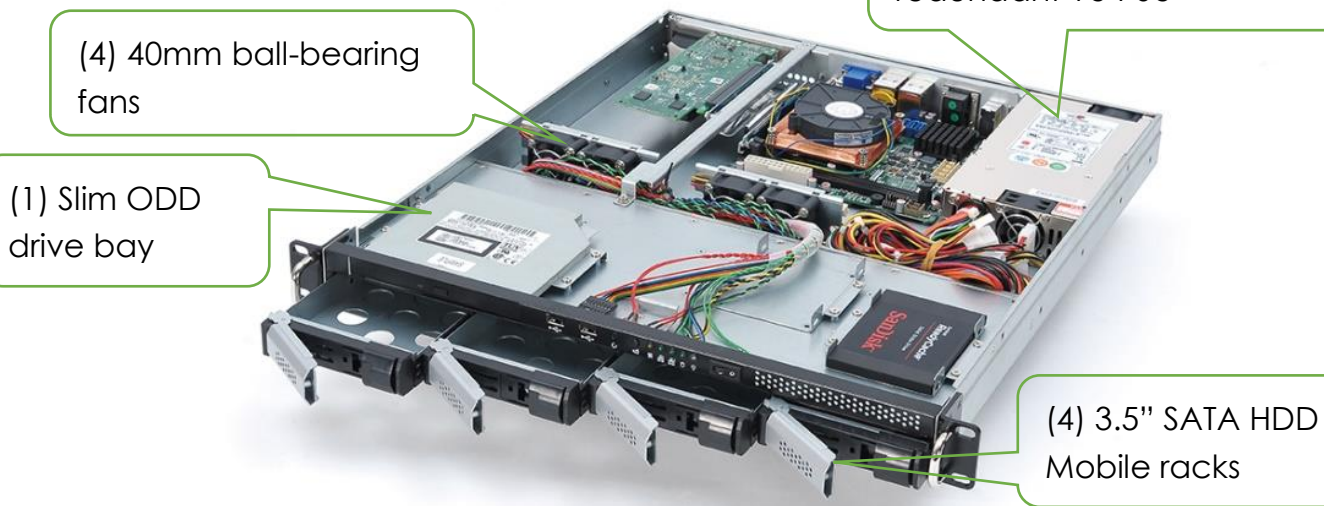


RCK-107MR

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS



1U Rackmount Server Chassis with (4) Mobile racks, supports micro-ATX motherboard and 1U single or redundant PSU



Introduction

The **RCK-107MR** is a rugged 1U server chassis with convenient designs to enable the integration of Firewall Server, Proxy Server, VPN Gateway system and etc. **RCK-107MR** ingenious mechanical design for depth of 520mm which gives consideration to relatively short dimension, superior heat dissipation up to four 4cm fans. It is a compact slim chassis to accommodate four Mobile racks for 3.5" or 2.5" drives to expand your storage capacity. Equipped to support micro-ATX motherboard for core i3/i5/i7 processor. The **RCK-107MR** proves to be a perfect choice for sub-racks and short rack cabinets.

Features

- Heavy-duty steel construction with 520mm in depth
- Support micro-ATX motherboard
- Support Mini-ITX board with (1) full-height PCIe x16 slot
- (4) 3.5"/2.5" SATA Mobile racks,
- (1) Slim ODD drive bay
- (2) 2.5" space for SSD or HDD
- (2) USB ports on front panel
- LED indicators
- (4) 20mm ball-bearing fans
- Supports 1U power supply:
 - Up to 520W single PSU, or
 - 400W redundant PSU



Specifications

Construction

- Heavy-duty steel

Color

- Black front panel with silver color chassis

Board support

- Micro-ATX or Mini-ITX motherboard

Drive bays

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

Expansion

- (1) Full-height PCIe x16 slot with riser card

Power Supply

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

Cooling System

- (4) 20mm ball-bearing fans

Front I/O Port

- (2) USB 2.0 (optional USB 3.0)

Switch

- Power On/Off and Reset switch

Indicator

- Power On/Off and HDD activity LEDs

Environment Spec

- 0 ~ 45°C operation temperature
- Operation humidity under 10% ~ 95%

Dimension (W x D x H)

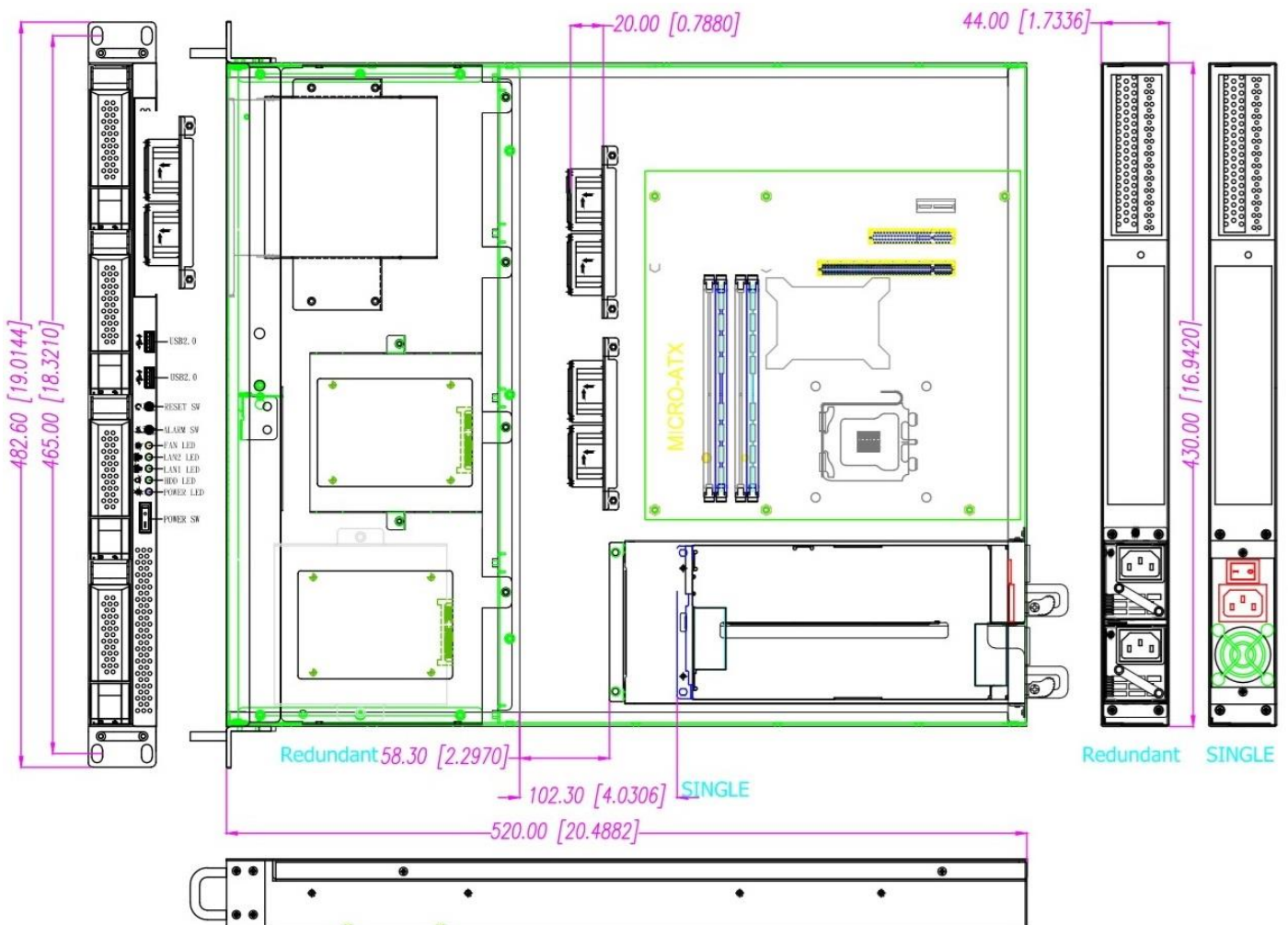
- 432mm x 520mm x 44mm
- 17 x 20.47 x 1.73 inches

Gross Weight

- 6.9kg / 15.21lbs



Mechanical Drawing



Ordering Information

RCK-107MR	1U rackmount chassis support micro-ATX motherboard
RCK-107MR-460W	1U rackmount chassis support micro-ATX MB, with 460W PSU
RCK-107MR-520W	1U rackmount chassis support micro-ATX MB, with 520W PSU
RCK-107MR-400WR	1U rackmount chassis support micro-ATX MB, with 400W Redundant PSU