RCK-202B

AICSYS
ADVANCED INDUSTRIAL COMPUTER SYSTEMS

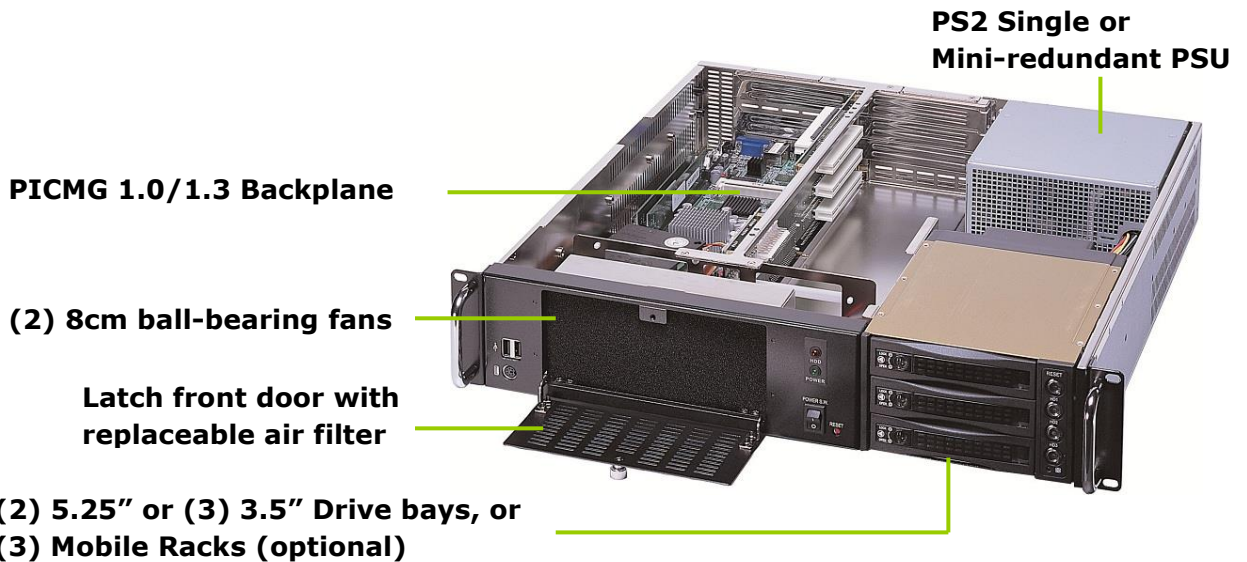## 2U Rackmount Chassis for Single Board Computer with 2 Drive bays, PICMG 1.0/1.3 backplane and support PS2 Single or Mini-redundant PSU

PS2 Single or Mini-redundant PSU

PICMG 1.0/1.3 Backplane

(2) 8cm ball-bearing fans

Latch front door with replaceable air filter

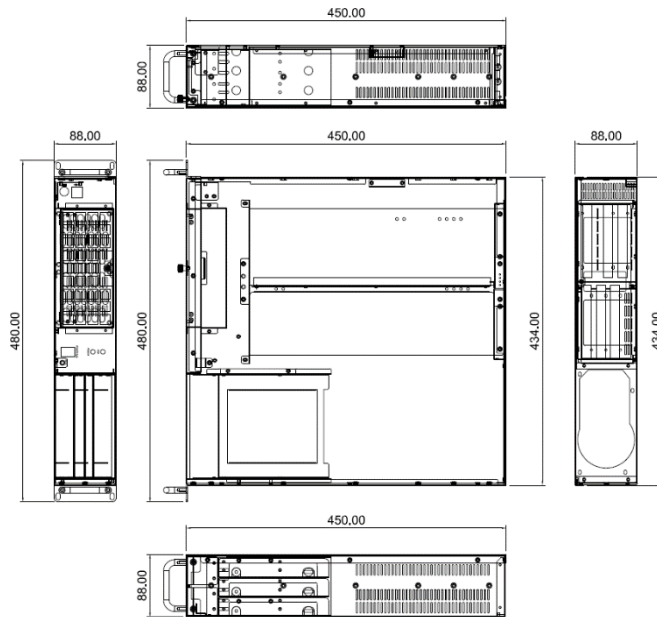(2) 5.25" or (3) 3.5" Drive bays, or (3) Mobile Racks (optional)

Introduction

The **RCK-202B** boasts a depth of only 450mm (17"), thus it provides an ideal solution for those applications where depth can make or break a project. Designed to support a PICMG1.0/ 1.3 Backplane and Full-Size SBC, the RCK-202B proves to be a perfect choice for any DVR or storage application. The RCK-202B can support up to three drive bays, (2) 5.25" or (3) 3.5" internal drives. Additional I/O expansion can be easily configured through the optional 2 or 4-PCI slots found on the PICMG backplane. Two 8cm ball bearing fans ensure excellent airflow when faced with a heat sensitive application. The **RCK-202B** provides a robust solution to any server application, while still remaining compact

Features

- EIA RS-310C 19" Rackmount Standard
- Heavy-duty Steel with Ni Plating
- (2) 5.25" or (3) 3.5" ext. drive bays, or (3) 3.5" Mobile racks (optional)
- Supports PICMG 1.0 and 1.3 backplane
- (2) 8cm ball-bearing fan with replaceable air filter
- Lockable front door with replaceable air filter
- Supports PS2 Single or Mini-redundant power supply
- Optional 18-inch ball-bearing slide rail

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Mechanical Drawing

Construction
● **Heavy-duty steel with Ni plating**

Color
● **Black**

Board Support
● **Full-size Single Board Computer**

Drive bay
● **(2) 5.25" external drive bays, or**
● **(3) 3.5" internal drive bays, or**
● **(3) 3.5" Mobile racks (optional)**

Expansion
● **PICMG 1.0 / 1.3 backplane with PCI or PCIe slot expansion**

Port
● **(1) PS/2 connector on front panel**
● **(2) USB 2.0 connectors**

Switch
● **Power On/Off, and Reset**

Indicator
● **Power On/Off, and HDD activity LEDs**

Cooling System
● **(2) 8cm ball-bearing fan with replaceable air filter**

Power Supply
● **PS2 single PSU, up to 600W**
● **Mini-redundant PSU, up to 500W**

Operation Temperature
● **0~55 ºC**

Dimension (W x D x H)
● **434 x 450 x 88 mm**
● **17 x 17.7 x 3.5 inches**

Weight
● **GW: 10.2kg / 4.63lbs**

Ordering Information

RCK-202B	2U Rackmount chassis for full-size SBC board with (2) 5.25" drive bays
RCK-202B-0604P-400W	RCK-202B chassis with BP-0604P-2U b/p and 400W PS2 ATX Power supply
RCK-202B-0505P-400W	RCK-202B chassis with BPE-0502-2U b/p and 400W PS2 ATX Power supply
RCK-202B-0502P-400WR	RCK-202B chassis with BPE-0502-2U b/p and 400W Mini-redundant PSU
MR-K22C3	Mobile rack for (3) 3.5" SATA 2.0 HDD
MT-SR120	Optional 18-inch Ball-bearing slide rail

* Optional 600W PSU and 400W&500W Mini-redundant PSU are available for all above chassis configuration

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