# ACP-4360

## 4U Rackmount Chassis with 6 Hot-Swap SAS / SATA Trays for RAID
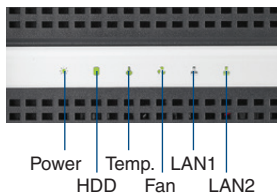
PICMG 1.0
PICMG 1.3

## Features

- Supports up to 6 SAS/SATA HDDs, which can be hot-swappable if a SATA RAID card is used
- Supports either an ATX motherboard or a PICMG backplane up to 15 slots
- Supports one slim optical disk drive and one 3.5" FDD or internal HDD
- LED indicators for LAN connectivity and alarm notification for redundant power supply, HDD activity, system fan and in-chassis temperature
- Reusable, front-accessible filters for easy maintenance

CE FCC RoHS COMPLIANT 2002/95/EC

## Specifications

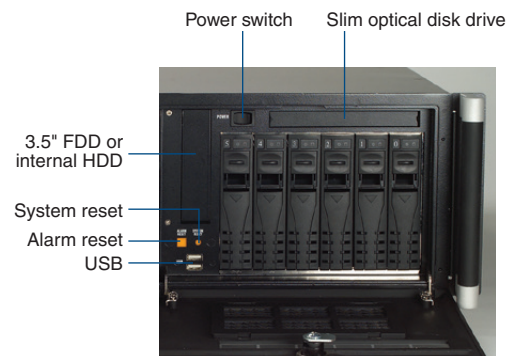| | | Front-accessible | |
|---|---|---|---|
| Drive Bay | Slim Optical Drive (Front-accessible) | 1 | |
| | 3.5" | 6 SAS/SATA HDDs + 1 | |
| Cooling | Fan | 1 (12 cm / 114 CFM) + 2 (8 cm / 47 CFM each) for SAS/SATA storage unit | |
| | Air Filter | Yes | |
| Front I/O Interface | USB | 2 | |
| Miscellaneous | LED Indicators | System: Power, HDD (for IDE drives only), fan, temperature, LAN1 and LAN2 SAS/SATA HDD trays: HDD power and activity | |
| | Rear Panel | Backplane version: One 9-pin D-Sub opening Motherboard version: Five 9-pin D-Sub and one 68-pin SCSI openings | |
| | | Operating | Non-Operating |
| Environment | Temperature | 0 ~ 40° C (32 ~ 104° F) | -20 ~ 60° C (-4 ~ 140° F) |
| | Humidity | 10 ~ 85% @ 40° C, non-condensing | 10 ~ 95%@ 40° C, non-condensing |
| | Vibration (5 ~ 500 Hz) | 1 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | 30 G |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 177 x 501 mm (19" x 7" x 19.8") | |
| | Weight | 19.0 kg (41.8 lb) | |

* If 6 SAS HDDs are installed and the system operates above 35° C, it is suggested that the two storage fans be replaced with part number 1750006570, for lower temperatures and better HDD reliability. If fewer than 6 HDDs are installed, 40° C operating temperature is acceptable.

Power  Temp.  LAN1
HDD  Fan  LAN2

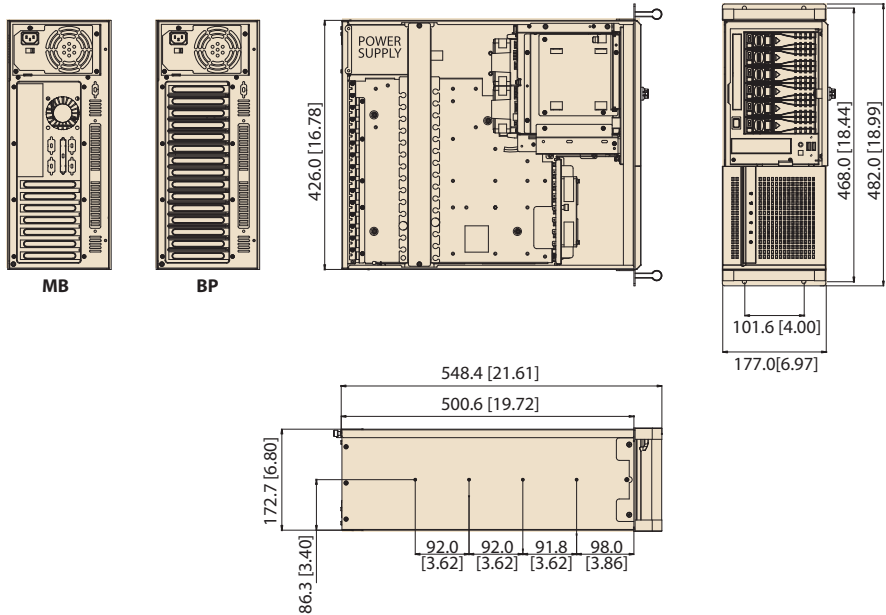Power switch     Slim optical disk drive

3.5" FDD or internal HDD

System reset
Alarm reset
USB

Easy-to-maintain system fan

Six hot-swappable SAS/SATA HDD trays

Rear view of ACP-4360MB

All product specifications are subject to change without notice

ACP-4360

# Dimensions

Unit: mm [inch]

**MB**  **BP**

POWER SUPPLY

426.0 [16.78]

468.0 [18.44]
482.0 [18.99]

101.6 [4.00]
177.0[6.97]

548.4 [21.61]
500.6 [19.72]

172.7 [6.80]

86.3 [3.40]

92.0 [3.62]  92.0 [3.62]  91.8 [3.62]  98.0 [3.86]

# Ordering Information

| Part Number | Power Supply |
|---|---|
| **Backplane Version** | |
| ACP-4360BP-00XBE | Without power supply, with ATX switch |
| **Motherboard Version** | |
| ACP-4360MB-00XBE | Without power supply, with ATX switch |

# Power Supply Options

(For detailed power supply specs, please refer to Chapter 6)

| Part Number | Specifications | |
|---|---|---|
| | **Watts** | **Input** |
| PS8-400ATX-ZE (ATX, PFC) | 400 W | AC 100 ~ 240 V (full range) |
| PS8-500ATX-ZE (ATX, PFC) | 500 W | AC 115 ~ 240 V (full range) |
| PS8-700ATX-ZE (ATX, PFC) | 700 W | AC 100 ~ 240 V (full range) |
| RPS-400ATX-ZE (ATX, PFC) (1+1 redundant) | 400 W | AC 100 ~ 240 V (full range) |

# Optional Accessories

| Part Number | Description |
|---|---|
| 1990001299 | Fan filter 95 x 130 mm |
| 1990001298 | Door filter 150 x 68 mm |
| 9662700020E | Black 3.5" mobile HDD tray |
| 1700011772 | SATA power wire 6-pin to big 4-pin (for slim ODD) |
| 96RC-SAS-4P-PE-LS | Interface PCIe x8, 4-port SAS/SATA RAID card with 1 SAS SFF8087 connector |
| 96RC-SAS-8P-PE-LS1 | Interface PCIe x8, 8-port SAS/SATA RAID card with 2 SAS SFF8087 connectors |
| 96CB-SAS-SATA-4P | Mini SAS to 4 SATA + SGPIO cable, 0.8 m |

PS. When choosing either of above RAID cards, please must use 96CB-SAS-SATA-4P to ensure the LEDs on HDD trays function correctly.