

# ACP-4362/4360

## 4U Rackmount Chassis with 6 Hot-Swap SATA Trays for RAID



### Features

- Supports up to 6 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
- RAID card compatibility
  - ACP-4360: compatible with any RAID cards (no HDD failure/rebuild indicators)
  - ACP-4362: compatible with specific RAID cards (with HDD failure/rebuild indicators)
- ACP-4362's comprehensive RAID card solution features a web-based RAID management GUI for function setting and status monitoring



### Specifications

Model Name	ACP-4362	ACP-4360
Storage	HDD (supported)	6 (SATA)
	RAID Card (supported)	Recommended RAID cards only
	HDD Failure/Rebuild Indicators	Yes
Drive Bay	Slim Optical Drive (Front-accessible)	1
	3.5"	1 (FDD or internal HDD)
Cooling	Fan	1 (12 cm / 114 CFM) + 2 (8 cm / 47 CFM each)
	Air Filter	Yes
Front I/O Interface	USB	2
Miscellaneous	LED Indicators	System: Power, HDD (for IDE drives only), fan, temperature, LAN1 and LAN2 SATA HDD trays: HDD power and activity
	Rear Panel	Backplane version: One D-Sub 9-pin opening Motherboard version: Five D-Sub 9-pin and one 68-pin SCSI openings
Environment	Temperature	Operating: 0 ~ 40° C (32 ~ 104° F) Non-Operating: -20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms
	Shock	10 G (with 11 ms duration, half sine wave)
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 502 mm (19" x 7" x 19.8")
	Weight	19.0 kg (41.8 lb) / 19.5 kg (42.9 lb)

\* Please choose ACP-4360 when customers don't use any RAID card or a third party RAID card is used. The SATA HDD hot swappability may be supported, but HDD failure and data rebuild indicators will not be available.

The ACP-4362 must go with RAID cards recommended by Advantech for all LEDs to function normally.



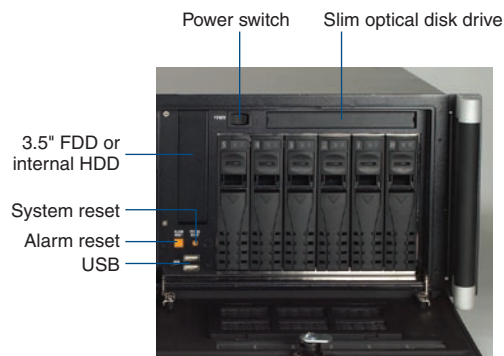
Power  
HDD  
Temp  
Fan  
LAN1  
LAN2



Rear view of ACP-4362MB



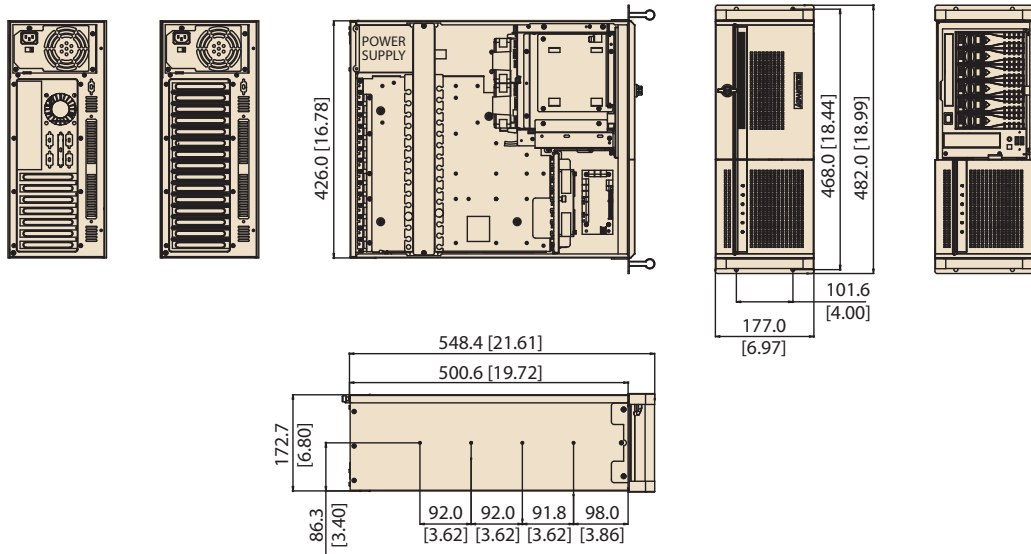
Easy-to-maintain system fan



Six hot-swappable SATA HDD trays

## Dimensions

Unit: mm (inch)



## Power Supply Options

Part Number	Watts	Input	Output	Specifications		
				Mini-load	Safety	MTBF
PS-400ATX-ZBE (ATX, PFC)	400 W	AC 100 ~ 240 V (full range)	+5 V @ 35 A, +3.3 V @ 28 A +12 V @ 30 A, -5 V @ 0.5 A -12 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	91,000 hrs @ 25° C
PS-500ATX-ZE (ATX, PFC)	500 W	AC 115 ~ 240 V (full range)	+5 V @ 40 A, +3.3 V @ 30 A +12 V @ 32 A, -5 V @ 0.8 A -12 V @ 1 A, +5 Vsb @ 2 A	+5 V @ 2.5 A, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	98,000 hrs @ 25° C
PS-700ATX-ZE (ATX, PFC)	700 W	AC 100 ~ 240 V (full range)	+5 V @ 50 A, +3.3 V @ 45 A +12 V @ 36 A, -5 V @ 0.8 A -12 V @ 1 A, +5 Vsb @ 2 A	+5 V @ 2.5 A, +3.3 V @ 1 A +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	72,000 hrs @ 25° C
RPS-400ATX-ZE (ATX, PFC)	400 W	AC 100 ~ 240 V (full range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 28 A, -5 V @ 0.5 A -12 V @ 1.2 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A +12 V @ 2 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	100,000 hrs @ 25° C

## Accessories

Part Number	Description
9680001857	PCI-X eight-port SATA RAID card (ACP-4362 only)
9680001858	PCIe x8 eight-port SATA RAID card (ACP-4362 only)
96FDD-144-TE-B	Black 3.5" FDD
96SCD-24X-I-OD-B	Black slim 24X CD-ROM
96SDVR-8X-ST-SN-B	Black slim SATA 8X DVD-RW ROM
96CB-SATAPOWER-6P	SATA power wire 6-pin to big 4-pin
9686000089	40-pin IDE transfer daughter board for slim ODD

## Ordering Information

Part Number	Power Supply	Motherboard/ Backplane	Regulation
<b>Backplane Version</b>			
ACP-4362BP-00XE	Without power supply, with ATX switch	-	-
ACP-4362BP-40ZE	PS-400ATX-ZBE	-	CE
ACP-4360BP-00XE	Without power supply, with ATX switch	-	-
ACP-4360BP-40ZE	PS-400ATX-ZBE	-	CE
<b>Motherboard Version</b>			
ACP-4362MB-00XE	Without power supply, with ATX switch	-	-
ACP-4362MB-40ZE	PS-400ATX-ZBE	-	CE
ACP-4360MB-00XE	Without power supply, with ATX switch	-	-
ACP-4360MB-40ZE	PS-400ATX-ZBE	-	CE