

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

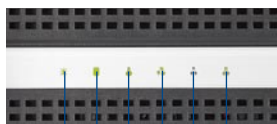


Specifications

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 no RAID cards, or third party RAID cards are used. 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. LEDs will blink randomly before hardware detection has finished. Normal LED activity will resume after the OS has loaded.



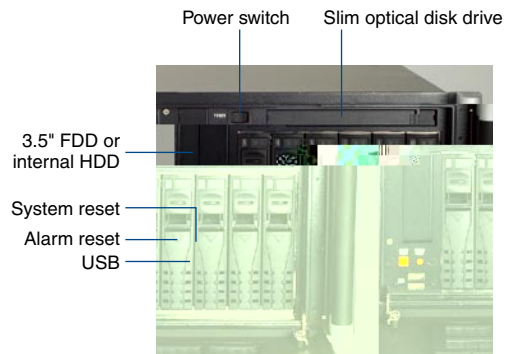
Power HDD Temp Fan LAN1 LAN2



Rear view of ACP-4362MB



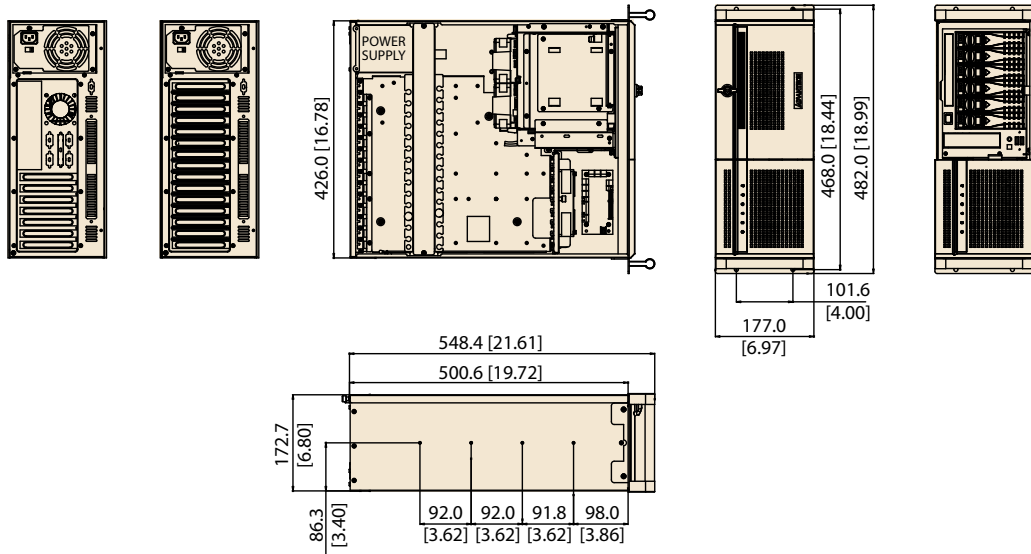
Easy-to-maintain system fan



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
Backplane Version			
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
Motherboard Version			
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