

ACP-2000

2U Rackmount Chassis with Four 64/32-bit PCI Slots



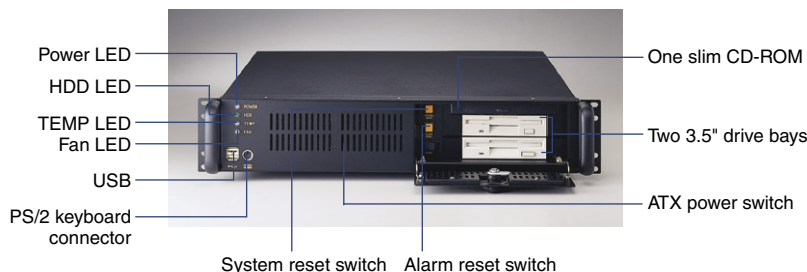
Features

- Compact 2U-high rackmount chassis, ideal building block for business expansion
- Shock-resistant disk drive bay holds one slim CD-ROM and two 3.5" disk drives for data mirroring
- Front-accessible USB and PS/2 ports for easy data transfer
- Butterfly backplane design supports up to four 64/32-bit PCI cards
- Reserved 9-pin D-sub opening at rear for external COM or LAN connection
- Flexible mechanical design supports 300 W ATX PFC PS/2 power supply and 300 W ATX PFC redundant power supply
- Special in-chassis modular design allows users to maintain the system with minimum downtime

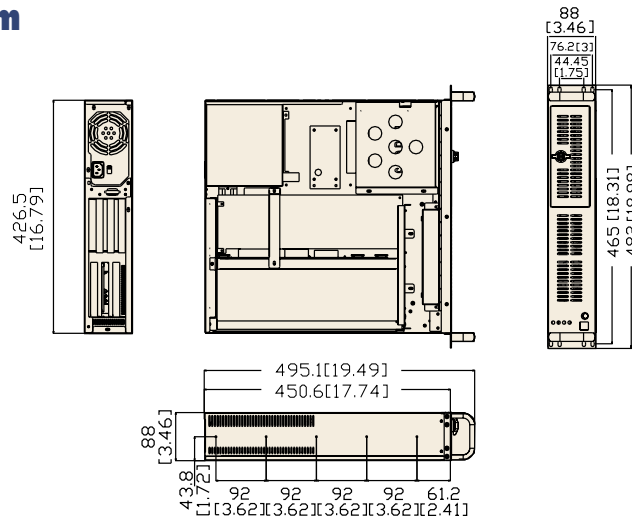


Specifications

Drive Bay	Slim CD-ROM	Front-accessible
	3.5"	1
Cooling	Fan	2 (47 CFM each)
	Air Filter	Yes
I/O Interface	USB	2 (front-accessible)
	PS/2	PS/2 Keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board
Miscellaneous	Rear Panel	Reserved one 9-pin D-sub opening
	Slide Rail	General Devices (http://www.generaldevices.com/) C-300 series supported (not included)
Environment	Temperature	Operating: 0 ~ 40 °C (32 ~ 104 °F) Non-Operating: -20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85 % @ 40 °C, non-condensing / 10 ~ 95 % @ 40 °C, non-condensing
	Vibration (5-500 Hz)	0.5 Grms / 2 G
	Shock	10 G (with 11 ms duration, half sine wave) / 30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F)
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)
	Physical Characteristics	Dimensions (W x H x D)
	Weight	13.0 kg (28.6 lb)



Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Specifications			
			Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (ATX, PFC)	300 W	AC 100 ~ 240 V (Full-range)	+5 V @ 30 A +3.3 V @ 28 A +12 V @ 15 A -12 V @ 0.8 A -5 V @ 0.3 A +5 Vsb @ 2 A	+5 V @ 0.1 A +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
RPS-300ATX-Z (ATX, PFC)	300 W	AC 100 ~ 240 V (Full-range)	+5 V @ 25 A +3.3 V @ 18 A +12 V @ 16 A -12 V @ 1.5 A -5 V @ 0.5 A +5 Vsb @ 2 A	+5 V @ 3 A +3.3 V @ 1 A +12 V @ 2 A +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-DC48 (ATX)	300 W	DC -48 V	+5 V @ 30 A +3.3 V @ 28 A +12 V @ 15 A -12 V @ 0.8 A -5 V @ 0.3 A +5 Vsb @ 2 A	+5 V @ 0.3 A +3.3 V @ 0.3 A +12 V @ 0.2 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Storage Device Options

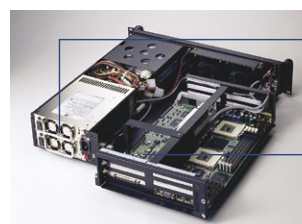
Part Number	Description
SCD-ROM	Black slim-type 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRW	Black slim-type 8X DVD + 24X CD-RW with 40-pin IDE connector
9684000014	3.5" FDD with black bezel



- Alarm board
- Hold-down brackets for both SBC and full-length cards
- Butterfly backplane design supports 3-slot or 4-slot PCI expansion

Ordering Information

Part Number	Power Supply	Backplane	Regulation
ACP-2000P3-00X	Without power supply, with ATX switch	PCA-6106P3V-0B1	None
ACP-2000P3-30Z	PS-300ATX-ZB	PCA-6106P3V-0B1	UL, cUL, CE
ACP-2000P3-30R	RPS-300ATX-Z	PCA-6106P3V-0B1	UL, cUL, CE
ACP-2000P4-00X	Without power supply, with ATX switch	PCA-6105P4V-0B2	None
ACP-2000P4-30Z	PS-300ATX-ZB	PCA-6105P4V-0B2	UL, cUL, CE
ACP-2000P4-30R	RPS-300ATX-Z	PCA-6105P4V-0B2	UL, cUL, CE



- Redundant power supply
- Special modular design allows users to maintain the system with minimum downtime

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- 5 Industrial Computer Peripherals
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- 7 6U CompactPCI Boards
- 8 6U CompactPCI I/O
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