

# ACP-2000

## 2U 6-slot/5-slot Rackmount Chassis with Front-accessible USB/PS2 Connector



### 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
- Butterfly backplane design supports 3-slot or 4-slot PCI expansion
- Flexible mechanical design supports 300 W ATX PFC PS/2 power supply and 300 W ATX PFC redundant power supply
- Special modular design allows users to maintain the system with minimum downtime

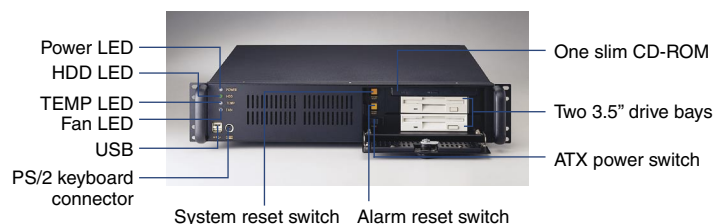


### Introduction

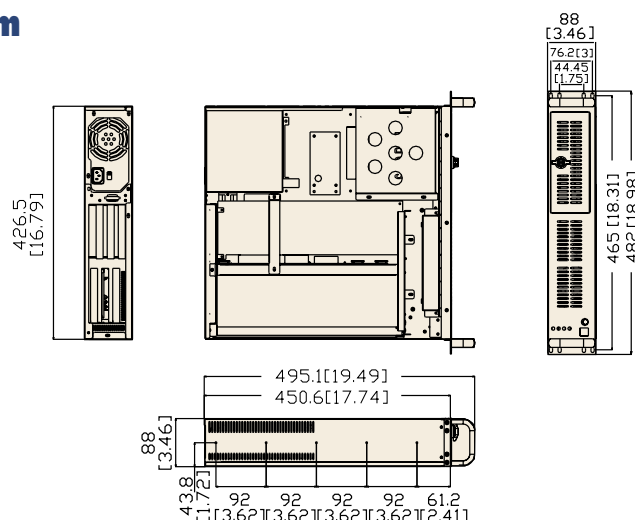
ACP-2000 is a compact, yet rugged 2U-high 19" rackmount industrial computer chassis designed for space-conscious applications. Customers can expand their business without worrying about space efficiency because ACP-2000 is only 2U-high and satisfies CT, voice portal, high-density voice processing and networking application requirements. Fast-growing Internet service providers and corporate enterprise customers can use ACP-2000 as eServer platforms for their internet/intranet, proxy, caching, access, DNS, or file and print server. The ultra-thin 2U form factor delivers rack space optimization without sacrificing performance, expandability, serviceability, or manageability.

### Specifications

Drive Bay	Slim CD-ROM	Front-accessible	
	3.5"	1 2	
Cooling	Fan	2 (47 CFM/each)	
	Air Filter	Yes	
I/O Interface	USB	2 (front-accessible)	
	PS/2	1 (keyboard x 1, front-accessible)	
Miscellaneous	Slide Rail	General Device C-300 series supported (not included)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	--	10 ~ 95 % @ 40 °C, non-condensing
	Vibration (5-500 Hz)	0.5 Grms	2 G
	Shock	15 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 3048 m (0 ~ 10,000 ft)	
Physical	Dimensions (W x H x D)	482 x 88 x 450 mm (19" x 3.46" x 17.7")	
	Weight	10.2 Kg (22.5 lb)	



## Dimension Diagram



Unit: mm (inch)

## Power Supply Options

Part Number	Watt	Input	Specifications			
			Output	Mini-load	Safety	MTBF
RPS-300ATX-Z (ATX, PFC)	300 W	AC 90 ~ 264 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/cUL (60950 3rd) CE (EN61000-3-2 Class D) TUV/FCC Class B CB/CCC	150,000 hours
PS-310-DC48 (AT)	310 W	DC -38 ~ -58 V	+5 V @ 25 A +12 V @ 10 A -5 V @ 1 A -12 V @ 5 A	+5 V @ 2 A	UL/CSA/CE	100,000 hours
PS-300ATX-ZB (ATX, PFC)	300 W	AC90-264 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/cUL (60950 3rd) CE (EN61000-3-2 Class D) TUV/FCC/CSA/Nemko CB/CCC	100,000 hours @ 25° C

## Storage Device Options

Part Number	Descriptions
SCD-ROM	Slim-type CD-ROM kit with 40-pin IDE connector
9684000014	3.5" FDD with black bezel

## Ordering Information

Part Number	With Power Supply	With Backplane	Regulation
ACP-2000P3-00P	Without power supply, with AT switch	PCA-6106P3V-0B1	None
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-2000P3-30D	PS-310-DC48	PCA-6106P3V-0B1	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

