

ACP-1000

1U 2-PCI 64/32-bit Rackmount Chassis with Front-accessible USB/PS2 Connector



Features

- Compact 1U-high rackmount chassis, ideal building block for business expansion
- Easy installation disk drive bay holds a slim CD-ROM and 3.5" disk drive
- Supports up to two 64-bit PCI expansion slots
- Four abundant cooling fans designed for cooling the system to minimize downtime

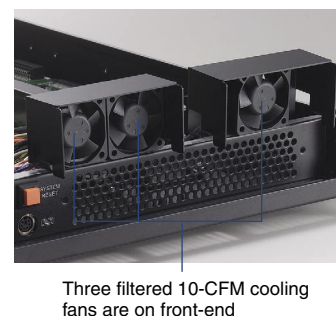
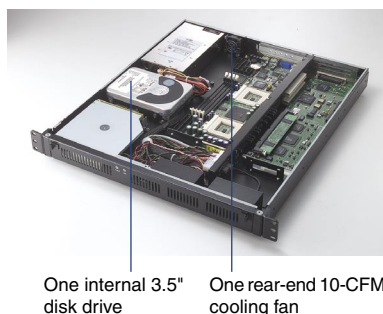
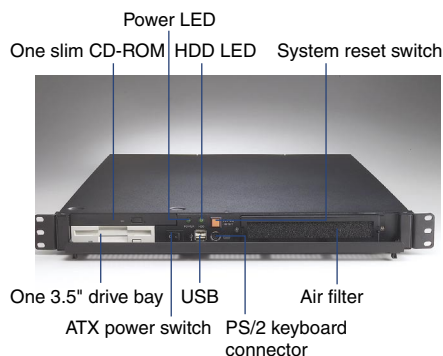


Introduction

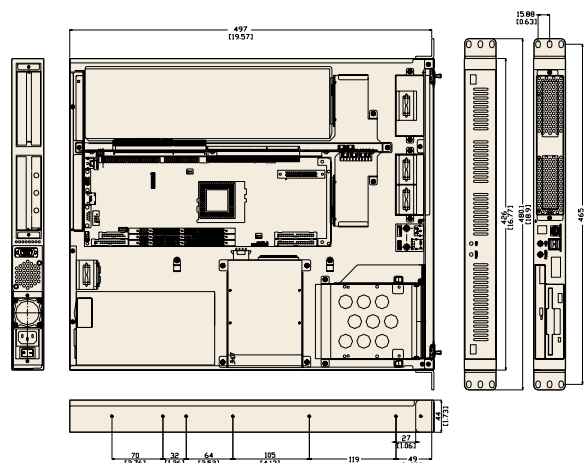
ACP-1000 is a reliable and stable 1U-high 3-slot 19" rackmount industrial computer chassis. This chassis can support up to two 64-bit PCI expansion slots and comes with a 200W ATX PFC power supply. In addition, four abundant cooling fans are included to form a front-to-rear air flow for outstanding ventilation. A front-access USB and PS/2 design is added to facilitate maintenance and access of the unit. Moreover, ACP-1000 can accommodate various Intel® Pentium® 4 CPU cards, making it the most powerful yet ultra compact 1U server.

Specifications

		Front-accessible	Internal
Drive Bay	Slim CD-ROM	1	
	3.5"	1	1
Cooling	Fan	Front-accessible 3 (10 CFM/each)	Rear Panel 1 (10 CFM)
	Air Filter	Yes	--
I/O Interface	USB	2 (front-accessible)	
	PS/2	1 (keyboard x 1, front-accessible)	
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)	1 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)	
Physical	Altitude	0 to 3048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 44 x 500 mm (19" x 1.7" x 19.7")	
	Weight	6.0 Kg (13.2 lb)	



Dimension Diagram



Unit: mm (inch)

Power Supply Options

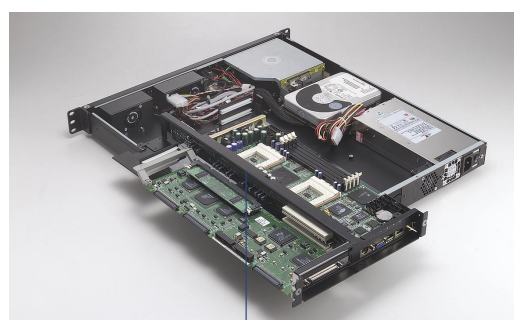
Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
1757920000 (ATX, PFC)	200 W	AC 90 ~ 264 V (Full-range)	+5 V @ 16 A +3.3 V @ 14 A +12 V @ 9 A -12 V @ 0.7 A -5 V @ 0.2 A +5 Vsb @ 1.5 A	+5 V @ 2 A +12 V @ 1 A -5 V @ 0.1 A -12 V @ 0.1 A +3.3 V @ 0.1 A	UL/cUL/CE EN61000-3-2 Class D/TUV/ 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-1000P2-20Z	1757920000	PCA-6103P2V-0A1 (Two 32-bit PCI slot for expansion)	UL, cUL, CE
ACP-1000X2-20Z	1757920000	PCA-6103P2VX-B2 for 64-bit Full-Sized CPU Cards only (Two 64-bit PCI slot for expansion)	UL, cUL, CE



Butterfly backplane design supports two full-length 64-bit PCI expansions

Accessory Options

Part Number	Descriptions
9689000535	1U slide rail for ACP-1000 only
1759209201	Low profile PIII socket 370 CPU cooler up to 1 GHz
1759254100	Low profile Tualatin socket 370 CPU cooler from 1 GHz to 1.26 GHz
1759252100	Low profile P4 socket 478 CPU cooler up to 2.5 GHz
1759214200	Low profile P4 socket 478 CPU cooler up to 2.8 GHz



One 10-CFM cooling fan is on rear-end