

IPC-610-H

4U 14-slot Rackmount Chassis with Front-accessible USB/PS2 Connectors

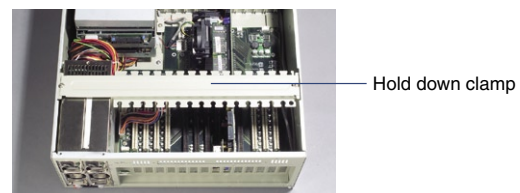
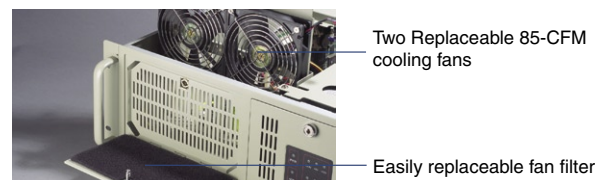
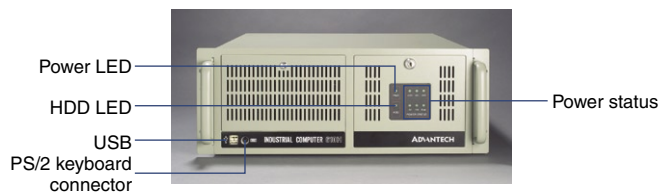


Features

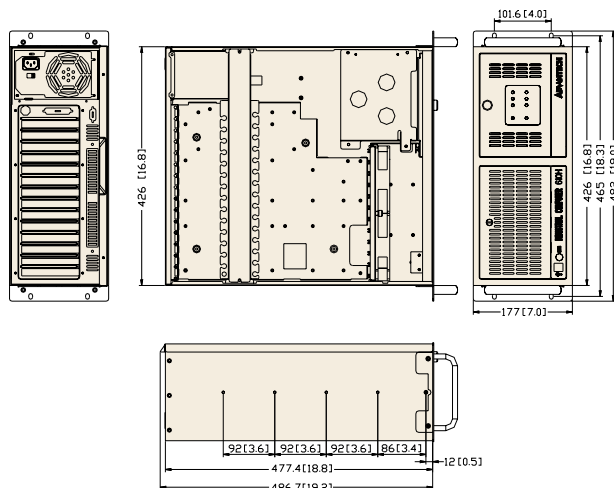
- 4U-high rackmountable chassis supports up to 14 cards
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Front accessible USB & PS/2 interfaces for easy data transferring
- Dual front-accessible filtered cooling fans provide optimal, streamlined airflow
- Special hold-down clamp design with rubber cushions protects the cards from harsh environments and any unexpected shocks
- Visible power status and HDD activity notification improves system availability
- User-friendly and front-accessible filter for easy system maintenance
- Lockable front door prevents unauthorized access
- Flexible mechanical design supports both 300 W single PS/2 and redundant ATX power supply

Specifications

Drive Bay	3.5"	1	Front-accessible
	5.25"	3	
Cooling	Fan	2 (85 CFM /each)	
	Air Filter	Yes	
I/O Interface	USB	2	
	PS/2	PS/2 Keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board	
Miscellaneous	Slide Rail	General Devices (http://www.generaldevices.com/) C-300 series supported (not included)	
	Indicators	Power & HDD activity	
	Rear Panel	D-SUB 9-pin and 25-pin 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	10 ~ 95 % @ 40 °C, non-condensing
	Vibration (5-500 Hz)	10 G (With 11 msec duration, 1/2 sine wave)	2 G
	Shock	1 Grms	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)	482 x 177 x 480 mm (19" x 7" x 18.9")	
	Weight	14.0 kg (30.8 lb)	



Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Specifications			
			Output	Mini-load	Safety	MTBF
PS-250ATX-Z (ATX, PFC)	250 W	AC 115 / 230 V (Selectable)	+5 V @ 27 A +3.3 V @ 20 A +12 V @ 13 A -12 V @ 0.8 A -5 V @ 0.3 A +5 Vsb @ 2 A	+5 V @ 0.5 A +12 V @ 1 A +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25 °C
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 @ 0.3 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 @ 0.5 A -5 V @ 0.5 A +5 Vsb @ 2 A	+5 V @ 3 A +3.3 V @ 1 A +12 V @ 2 A	UL/TUV/CB/CCC	100,000 hours @ 25 °C

Passive Backplane Options

Part Number	Slot	Segment
PCA-6114-OB1	14 ISA	Single
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI(64-bit), 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PC I (64-bit), 1 PICMG/PCI, 1 PICMG	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI	Dual



Rear panel of backplane with redundant power supply

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-610BP-00XH	Without power supply, with ATX switch	-	None
IPC-610BP-25ZH	PS-250ATX-Z	-	UL, cUL, CE
IPC-610BP-30ZH	PS-300ATX-ZB	-	UL, cUL, CE
IPC-610BP-30RH	RPS-300ATX-Z	-	UL, cUL, CE

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