

IPC-610-H/L

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



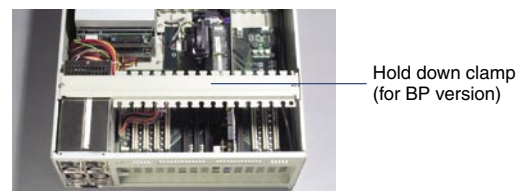
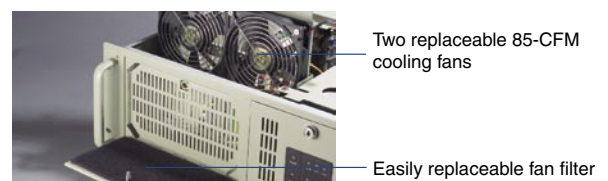
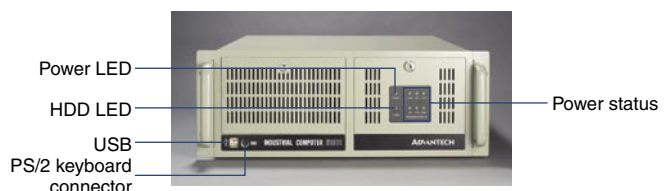
Features

- 4U rackmount 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
- Flexible mechanical design supports both single PS/2 and redundant ATX power supply

Specifications

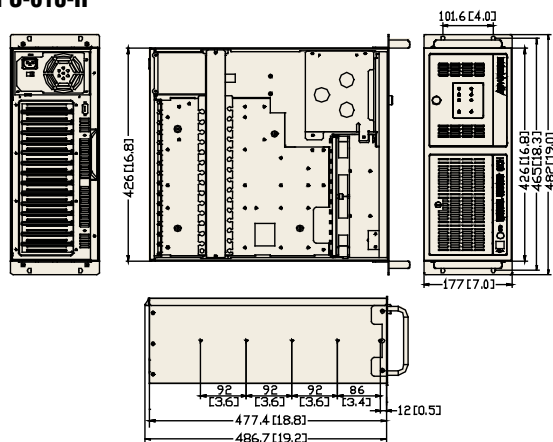
Drive Bay	3.5"	Front-accessible	1
	5.25"		3
Cooling	Fan		2 (85 CFM each)/1 (85 CFM each)
	Air Filter		Yes
I/O Interface	USB		2/-
	PS/2		PS/2 keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU card/motherboard (IPC-610-H only)
Miscellaneous	Slide Rail		General Devices (http://www.generaldevices.com/) C-300 series supported (not included)
	Indicators		Power & HDD activity
	Rear Panel		D-Sub 9-pin and 25-pin openings
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, 1/2 sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 177 x 478 mm (19" x 7" x 18.8")	
	Weight	17.0 kg (37.4 lb)/16.5 kg (36.3 lb)	

IPC-610-H

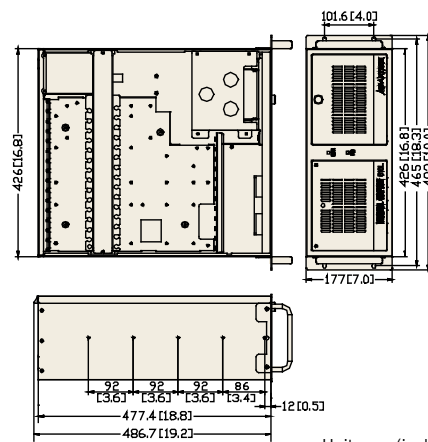


Dimensions

IPC-610-H



IPC-610-L



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
PS-250ATX-ZE (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-ZBE (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-ZE (ATX, PFC) (IPC-610-H only)	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
PS-400ATX-ZBE (ATX, PFC) (IPC-610-H only)	400 W	AC 100 ~ 240V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 30 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 1 A +3.3 V @ 1 A	UL/TUV/CB/CCC	91,000hours @ 25° C
RPS-400ATX-ZE (ATX, PFC) (IPC-610-H only)	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 hours @ 25° C
PS-300ATX-DC48E (IPC-610-H only)	300 W	DC -48 V	+3.3 V @ 28 A, +5 V @ 30 A, +12 V @ 15 A, -5 V @ 0.3 A, -12 V @ 0.8 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 hrs @ 25° C

Accessories

Part Number	Description
19914K0010	Door filter 97.6 x 36.6 x 5 mm
1999615000	Fan filter 115 x 195 x 5 mm



IPC-610-L

Ordering Information

Part Number	Power Supply	Motherboard/Backplane	Regulation
BP version			
IPC-610BP-00XHE	Without power supply, with ATX switch	-	-
IPC-610BP-25ZHE	PS-250ATX-ZE	-	CE
IPC-610BP-30ZHE	PS-300ATX-ZBE	-	CE
IPC-610BP-30RHE	RPS-300ATX-ZE	-	CE
IPC-610BP-40ZHE	PS-400ATX-ZBE	-	CE
MB version			
IPC-610MB-00XHE	Without power supply with ATX switch	-	-
IPC-610MB-30ZHE	PS-300ATX-ZBE	-	CE
IPC-610MB-30RHE	RPS-300ATX-ZE	-	CE
IPC-610MB-00XLE	Without power supply, with ATX switch	-	-
IPC-610MB-25ZLE	PS-250ATX-ZE	-	CE
IPC-610MB-30ZLE	PS-300ATX-ZBE	-	CE