

# IPC-610-L

## 4U 14-slot Rackmount Chassis with Front-accessible Fan

**NEW**



### Features

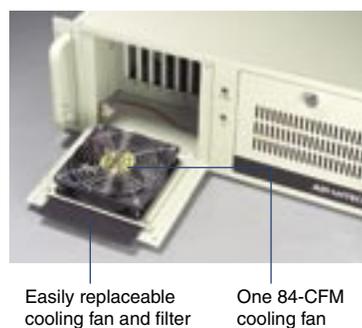
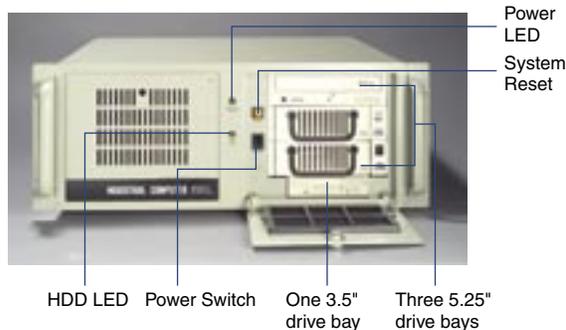
- User-friendly and front-accessible filter for system maintenance
- Front bezel visible Power and HDD LED activity notification
- Designed to withstand environmental extremes, such as shock, vibration and high temperature
- Shock-resistant disk drive bays holds three 5.25" and one 3.5" front-accessible disk drives
- Flexible mechanical design supports both PS/2 single and redundant power supply

### Introduction

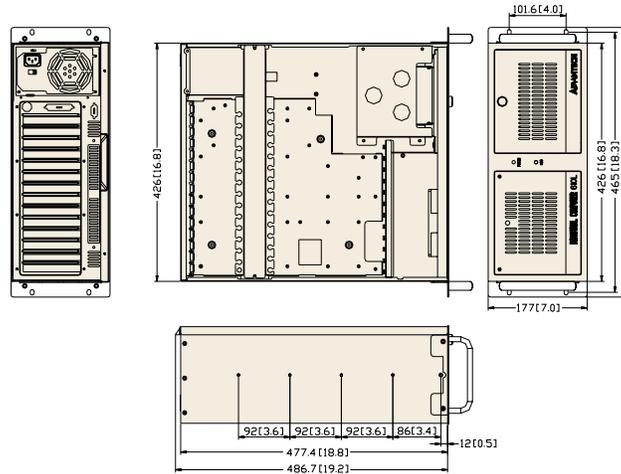
IPC-610-L is a 4U-high 14-slot rackmount IPC chassis designed as a core building block for mission-critical applications. This rugged, all-steel chassis meets the EIA RS-310C 19" rackmount standard. IPC-610-L comes with shockproof and front accessible drive bays, three 5.25" & one 3.5". The unit includes a versatile 14-slot passive-backplane and a high-efficiency 250 W ATX with PFC (Power Factor Correction) power supply and one easy maintenance cooling fan which provides abundant cooling. For high density requirements, IPC-610-L supports 12 full-length slots. The flexible mechanical design provides PS/2 size single or redundant power supply through a power bracket replacement. A wide range of standard computing peripherals can be integrated with the chassis to meet application development under mission-critical environments 24 hours a day, 7 days a week.

### Specifications

Drive Bay	3.5"	Front-accessible	Internal
	5.25"	3	1
Cooling	Fan	1 (84 CFM/each)	
	Air Filter	Yes	
Miscellaneous	Slide Rail	General Device C-300 series supported (not included)	
	Indicator	Power & HDD activity	
	Rear Panel	D-SUB 9-pin and 25-pin bracket	
Environment	Temperature	Operating 0 ~ 40 °C (32 ~ 104 °F)	Non-Operating -20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85 % @ 40 °C, non-condensing	
	Vibration (5-500 Hz)	1 Grms	2 G
	Shock	10 G (With 11 msec duration, 1/2 sine wave)	30 G
	Acoustic Noise	Less than 52dB 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 177 x 480 mm (19" x 7" x 18.9")	
	Weight	10.2 kg (22.5 lb)	



### Dimension Diagram



Unit: mm (inch)

### Power Supply Options

Part Number	Watt	Input	Specifications			MTBF
			Output	Mini-load	Safety	
PS-250ATX-Z (ATX, PFC)	250 W	AC 95 ~ 132 V AC 190 ~ 264 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 @ 0.3 A	UL/cUL (60950 3rd) CE (EN61000-3-2 Class D) TUV/FCC/CSA/Nemko CB/CCC	100,000 hours @ 25 °C full load
PS-300ATX-ZB (ATX, PFC)	300 W	AC 90 ~ 264 V (Full-range)	+5 V @ 30 A +3.3 V @ 28 A +12 V @ 15 A -12 V @ 0.8 A -5 V @ 0.8 A +5 Vsb @ 2 A	+5V @ 0.1A +3.3V @ 0.1A	UL/cUL (60950 3rd) CE (EN61000-3-2 Class D) TUV/FCC/CSA/Nemko CB/CCC	100,000 hours @ 25 °C full load

### Passive Backplane Options

Part Number	Slot	Segment
PCA-6114-0B1	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-6114P12-0B1	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 PCI (64-bit), 1 PICMG/PCI, 1 PICMG	Single

### Ordering Information

Part Number	With Power Supply	With Backplane	Regulation
IPC-610BP-00L	Without power supply, with ATX/AT switch both	--	None
IPC-610BP-25ZL	PS-250ATX-Z	--	UL, cUL, CE
IPC-610BP-30ZL	PS-300ATX-ZB	--	UL, cUL, CE
IPC-610P4-25ZL	PS-250ATX-Z	PCA-6114P4-C	UL, cUL, CE