

# IPC-615

## 4U 15-slot Rackmount Chassis for 15 Full-length Cards



### Features

- 4U-high 15-slot rackmount chassis (supports full-length cards)
- Versatile power supply options
- Fault detection/alarm notification
- Two filtered 86-CFM cooling fans

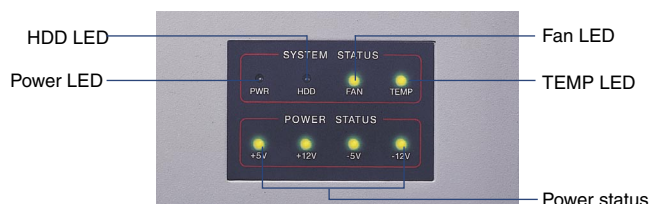


### Introduction

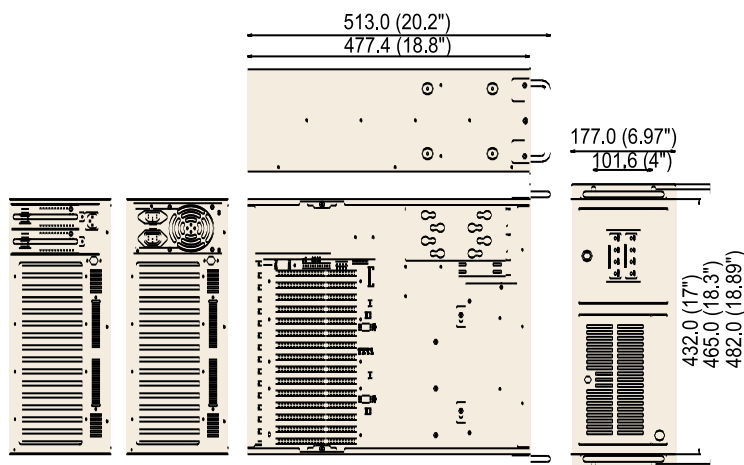
IPC-615 is a 15-slot, 19" rackmount Industrial computer chassis which can accept up to 15 ISA/PCI full-length cards. IPC-615 has versatile power supply options and a front-accessible disk drive bay that can hold two half-height and one 3.5" storage devices. It also features an advanced fault detection and alarm notification system. IPC-615 monitors its own hardware status for fan failure and overheating. If a malfunction is detected, an audible alarm will alert users of required maintenance. Problems can be clearly identified through IPC-615's LED status panel located at the front of the unit.

### Specifications

Drive Bay	3.5"	Front-accessible
	5.25"	1 (vertical)
Cooling	Fan	2 (vertical)
	Air Filter	2 (86 CFM/each)
Miscellaneous	Hold-down Clamp	Yes
Physical	Dimensions (W x H x D)	Rubber-buffered hold-down clamp
	Weight	482 x 177 x 478 mm (19" x 7" x 18.8")
		20 Kg (44 lb)



## Dimension Diagram



Unit: mm (inch)

## Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
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
RPS-250-SADT (AT)	230 W/200 W @ 40 °C	AC 110/220 V	+5 V @ 25 A, +12 V @ 12 A -5 V @ 1 A, -12 V @ 1 A	+5 V @ 4 A +12 V @ 1 A	UL/CE/FCC/CSA/TUV	250,000 hours @ 35 °C
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 @ 0.3 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
PS-400ATX-Z (ATX, PFC)	400 W	AC 90 ~ 264 V (Full-range)	+5 V @ 42 A, +3.3 V @ 20 A +12 V @ 14 A, -12 V @ 1 A -5 V @ 1 A, +5 Vsb @ 0.75 A	+5 V @ 2 A +12 V @ 0.5 A +3.3 V @ 0.2 A	UL/cUL (60950 3rd) TUV/CE/CB/CCC	100,000 hours @ 25 °C 75 % load

## Passive Backplane Options

Part Number	Slot	Segment
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-6114P12-0B1	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 7 PCI, 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PCI, 1 PICMG, 1 PICMG/PCI	Single
PCA-6115-0B1	15 ISA	Single

## Ordering Information

Part Number	With Power Supply	With Backplane	Regulation
IPC-615BP-00PB	Without power supply, with AT switch	--	None
IPC-615BP-00XB	Without power supply, with ATX switch	--	None
IPC-615BP-30PB	PS-300	--	UL, CE
IPC-615BP-31DB	PS-310-DC48	--	UL
IPC-615BP-25RB	RPS-250-SADT	--	UL, CE
IPC-615BP-30ZB	PS-300ATX-ZB	--	UL, cUL, CE
IPC-615BP-40ZB	PS-400ATX-Z	--	UL, cUL, CE
IPC-615-30ZB	PS-300ATX-ZB	PCA-6115-0B1	UL, cUL, CE
IPC-615B-300	PS-300	PCA-6115-0B1	UL, CE
IPC-615B-25R	RPS-250-SADT	PCA-6115-0B1	UL, CE