

IPC-616

4U 14-slot Rackmount Chassis with Front-accessible and Hot-swap Fans



Features

- 4U-high 14-slot rackmount chassis
- Supports up to three 5.25" and two 3.5" HDDs
- 300 W ATX or 310 W DC power supply option
- Two 53-CFM front-access hot-swap cooling fans

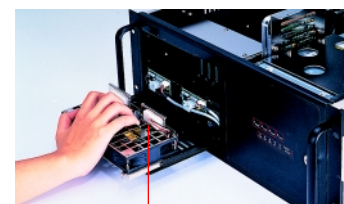
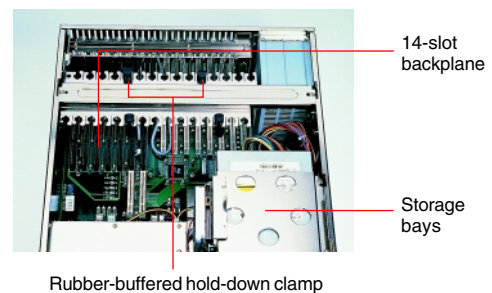
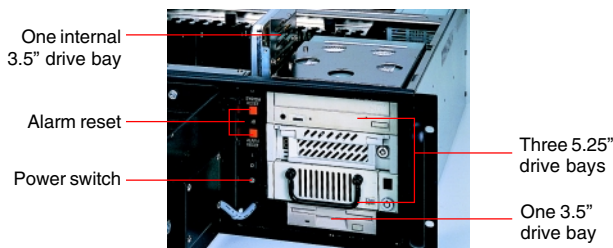
Introduction

The IPC-616 is a 4U 19" rackmount industrial computer chassis which can hold a 14-slot PCI/ISA passive backplane. Various power supply options are available. You can equip the chassis with a 300 W redundant power supply or a single PS/2 power supply up to 300 W. As more and more applications require mass capacity and higher reliability, the IPC-

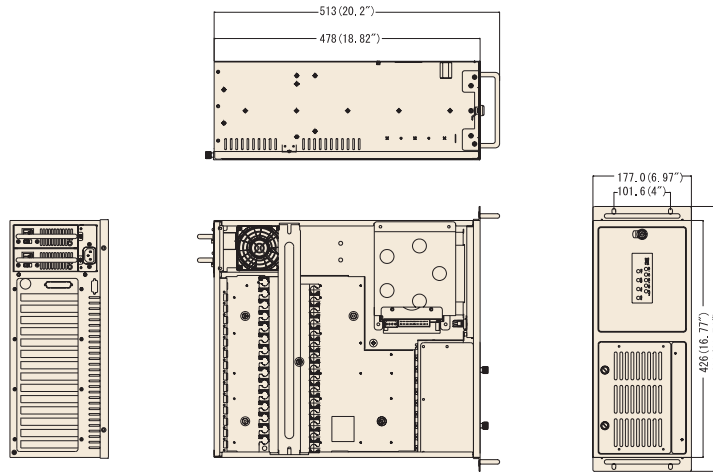
616 comes with a removable disk drive bay accommodating up to three half-height drives, as well as one 3.5" FDD and one 3.5" internal HDD. Fault-resilient features include an audible alarm and LED indicators for system failure. All these make the IPC-616 an ideal intelligent platform for PC-based servers and CT/network applications.

Specifications

		Front-accessible	Internal
Drive Bay	3.5"	1	1
	5.25"	3	
Cooling	Fan	2 (hot-swap, 53 CFM/each)	
	Air Filter	Yes	
Miscellaneous	Hold-down Clamp	Rubber-buffered hold-down clamp	
Physical	Dimensions (W x H x D)	482 x 177 x 478 mm (19" x 7" x 18.8")	
	Weight	16 Kg (35.2 lb)	



Dimension Diagram



Unit: mm (inch)

CompactPCI Enclosures **1**

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Industrial Computer Peripherals **10**

Passive Backplane Options

B/P Model Name	Slot per Segment (ISA/PCI/CPU)	Segment
PCA-6114P4-C	9/4/1	Single
PCA-6114P7-OD1	6/7/1	Single
PCA-6114P10-B	3/10/1	Single
PCA-6113P4R	8/4/1	Single
PCA-6114P12	1/12/1	Single
PCA-6113P7X	5/7(64-bit)/1	Single

Storage Device Options

Part Number	Descriptions
SCD-ROM	Slim-type CD-ROM kit with 40-pin IDE connector
SCD-FDD-COMBO	Storage kit with slim 24X CD-ROM and standard 3.5" black FDD
9684000014	3.5" FDD with black bezel

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX (ATX)	300 W	AC 110/220 V	+5 V @ 30 A +3.3 V @ 26 A +12 V @ 13 A -12 V @ 0.8 A -5 V @ 0.5 A +5 Vsb @ 2 A +5 V @ 30 A	+5 V @ 1 A +12 V @ 0.2 A	UL/CSA/ TUV/CE/ Nordic/CB	100,000 hours @ 25 °C full load
PS-300ATX-Z (ATX, PFC)	300 W	AC 90 - 135 V AC 180 - 265 V (Full-range)	+3.3 V @ 24 A +12 V @ 15 A -12 V @ 0.8 A -5 V @ 0.3 A +5 Vsb @ 2 A +5 V @ 42 A	+5 V @ 1 A +12 V @ 0.5 A +3.3 V @ 0.3 A	UL/cUL/CSA/CE/ EN61000-3-2 Class D/TUV/ Nordic/CB	100,000 hours @ 25 °C 275 W load
PS-400ATX-Z (ATX, PFC)	400 W	AC 90 - 264 V (Full-range)	+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/TUV	100,000 hours @ 25 °C (75 % load)

Special Cable Options

Part Number	Descriptions
1701400971	HDD cable, ATA 33, 62 cm + 35 cm
1701400973	HDD cable, ATA 66/100, 62 cm + 35 cm

Ordering Information

Part Number	With Power Supply	With Backplane	Regulation
IPC-616BP-00P	Without power supply, with AT switch	--	None
IPC-616BP-00X	Without power supply, with ATX switch	--	None
IPC-616BP-30X	PS-300ATX	--	UL, cUL, CE
IPC-616MB-30X	PS-300ATX	(motherboard version)	None
IPC-616BP-30Z	PS-300ATX-Z	--	UL, cUL, CE
IPC-616BP-40Z	PS-400ATX-Z	--	UL, cUL, CE