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IPC-622

6U 20-slot Rackmount Chassis with Hot-swap Redundant Power Supply



Features

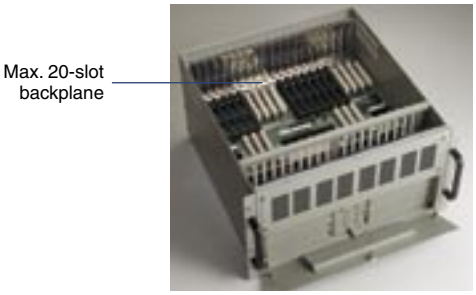
- 6U-high 20-slot rackmount chassis
- Hot-swap redundant power supply
- Fault detection/alarm notification
- Four filter 49-CFM cooling fans
- Up to four systems in a chassis

Introduction

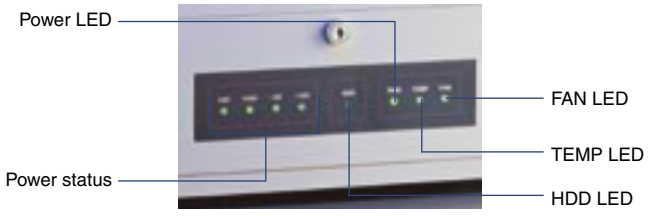
IPC-622 is a high-end 20 slot, 19" rackmount industrial computer chassis with a 300 watt hot-swappable redundant power supply. Up to six disk drives can be installed into IPC-622. This unit supports up to four front accessible, and half-height storage devices. IPC-622 can support up to four PC systems in a single chassis suitable for space-critical applications. Moreover, IPC-622 features an advanced fault detection and alarm notification feature. IPC-622 monitors its own hardware status including power failure, fan failure and temperature. When malfunctions occur, an audible alarm will be activated to alert users of maintenance needs. Problems can be clearly identified through IPC-622's front panel LED.

Specifications

Drive Bay		Front-accessible	Internal
	3.5"		2
	5.25"	4	
Cooling	Fan	4 (49 CFM/each)	
	Air Filter	Yes	
Miscellaneous	Hold-down Clamp	Rubber-buffered hold-down clamp	
Physical	Dimensions (W x H x D)	483 x 266 x 462 mm (19" x 10.5" x 18")	
	Weight	30 Kg (66 lb)	





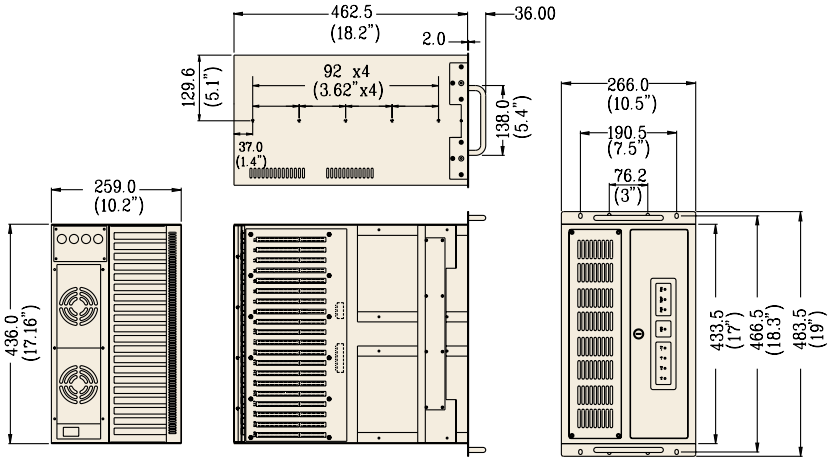




Advantech may make changes to specifications and product descriptions at any time, without notice.

Last Updated: 2004-04-19

Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
RPS-300	300 W AT	AC 115/230 V (selectable)	+5 V @ 30 A, +12 V @ 12 A -5 V @ 0.5 A, -12 V @ 0.5 A	+5 V @ 3 A +12 V @ 1 A	UL/CE/TÜV/CSA	100,000 hours @ 25 °C
RPS-300DC48	300 W AT	DC -38 ~ -58 V	+5 V @ 25 A, +12 V @ 10 A -5 V @ 1 A, -12 V @ 4 A	+5 V @ 2 A	--	100,000 hours @ 25 °C
RPS-400H-Z	400 W ATX. PFC	AC 90 ~ 264 V (Full-range)	+5 V @ 42 A, +3.3 V @ 20 A +12 V @ 14 A, -5 V @ 1 A -12 V @ 1A, +5 Vsb @ 0.75 A	+5 V @ 2 A +3.3 V @ 0.2 A +12 V @ 0.5 A	UL/cUL/TÜV/CE	100,000 hours @ 25 °C (75% load)
1757240013 (single P/S)	400 W ATX. PFC	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/TUV/CCC	100,000 hours @ 25 °C (75% load)

Passive Backplane Options

Part Number	Slot	Segment
PCA-6120-0B1	20 ISA	Single
PCA-6120P4-0B1	14 ISA, 4 PCI, 2 PICMG	Single
PCA-6119P7-0B1	10 ISA, 7 PCI, 2 PICMG/PCI	Single
PCA-6120P12-0A1	7 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6119P17-0B1	16 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6120D-0B1	20 ISA	Dual
PCA-6120DP4-0B1	14 ISA, 4 PCI, 2 PICMG	Dual
PCA-6118DP7-0B1	1 ISA, 14 PCI, 3 PICMG	Dual
PCA-6120Q-0B1	20 ISA	Quad
PCA-6116QP2-0B1	1 ISA, 8 PCI, 7 PICMG	Quad
PCA-6119P16X	1 ISA, 16 PCI, 2 PICMG	Single
PCA-6120P18-0A1	1 ISA, 17 PCI, 1 PICMG, 1 PICMG/ PCI	Single

Storage Device Options

Part Number	Descriptions
SCD-COM	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

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-622BP-40Z	1757240013 (single P/S)	--	UL, cUL, CE
IPC-622-300R-01	RPS-300	--	CE
IPC-622-30RD-01	RPS-300DC48	--	CE
IPC-622BP-400R	RPS-400H	--	UL, cUL, CE
IPC-622BP-40RZ	RPS-400H-Z	--	UL, cUL, CE
IPC-622-300R	RPS-300	PCA-6120-0B1	CE
IPC-622P4-300R	RPS-300	PCA-6120P4-0B1	CE
Black Color Chassis Options			
IPC-622BP-00RB	Without power supply	--	None
IPC-622BP-300RB	RPS-300	--	CE
IPC-622BP-40RZB	RPS-400H-Z	--	UL, cUL, CE

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