

IPC-623

4U 20-slot Rackmount Chassis with Multi-system and Front-accessible Redundant Power Supply



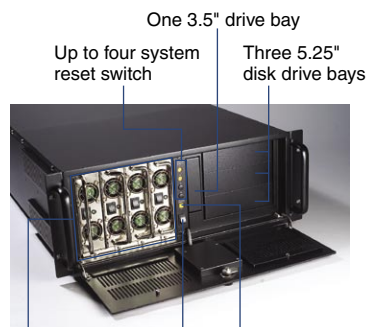
Features

- 4U-high 20-slot rackmount chassis, supports up to 4 multi-systems in a single chassis
- Front-accessible redundant power supply
- Shockproof disk drive bay design can hold up to three front-accessible 5.25" and one 3.5" disk drives, and one internal 3.5" HDD
- Lockable front door prevents any unauthorized access and displays the system status clearly
- Three hot-swappable 114 CFM cooling fans
- Front LEDs and audible alarm notifications for system power status, fan operation, HDD status, and in chassis temperature monitoring
- Dual top cover designed for easy maintenance
- Five easily replaceable air filters providing good airflow
- 570 W and 810 W N+1 redundant power supply with dual AC input options



Specifications

Drive Bay	3.5"	Front-accessible	1	Internal	1
	5.25"		3		-
Cooling	Fan		3 (hot-swappable, 114 CFM/each)		
	Air filter		4 (200 mm x 45 mm) + 1 (128 mm x 95 mm)		
Miscellaneous	LED indicators		System status notification for Power, Fan, HDD and Temp		
	Switches		Power status notification for +5 V, +12 V, -5 V, -12 V, and +3.3 V		
	Hold-down Clamp		Power, system reset, alarm reset		
Physical Characteristics	Dimensions (W x H x D)		Hold-down clamp with rubber pad underneath and accessory rubber cushions		
	Weight		482 x 177 x 660 mm (19" x 7" x 26")		
			26 kg (57 lb)		



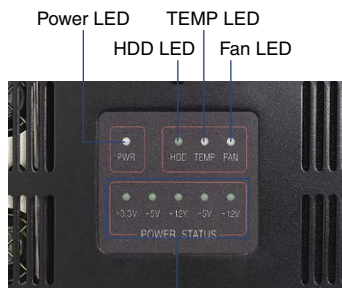
Front-accessible, hot-swap redundant power supply
Power hot-swap redundant switch
Alarm reset switch



Three 114 CFM hot-swappable cooling fans



Dual AC power cord for **570 W/810 W** redundant power supply



Power status

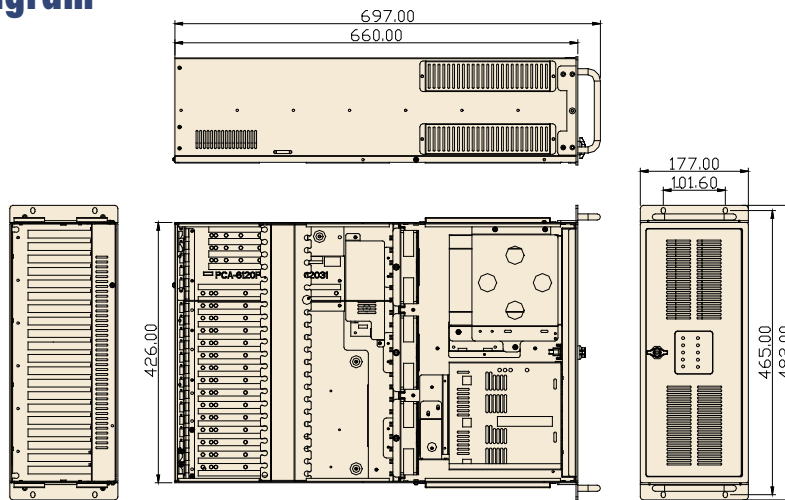


Extra drive bay which can hold up to three 3.5" HDD



Front panel appearance with single power supply configuration

Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
1757000131 (single P/S)	400 W (ATX, PFC)	AC 100 ~ 240 V (Full range)	+5 V @ 35 A, +3.3 V @ 25 A, +12 V @ 30 A, -5 V @ 0.8 A, -12 V @ 1 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 1A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	91,000 hours @ 25 °C
RPS-40XZ-V (1+1 redundant)	400 W (ATX, PFC)	AC 100 ~ 240 V (Full-range)	+5 V @ 42 A , +3.3 V @ 20 A , +12 V @ 14 A , -5 V @ 1 A , -12 V @ 1 A, +5 Vsb @ 0.75 A	+5 V @ 2 A , +3.3 V @ 1.2 A , +12 V @ 0.5 A , +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25 °C
1757000133 (single P/S)	500 W (ATX, PFC)	AC 115 ~ 240 V (Full-range)	+5 V @ 40 A, +3.3 V @ 30 A, +12 V @ 32 A, -5 V @ 0.8 A, -12 V @ 1 A, +5 Vsb @ 2 A	+5 V @ 2.5 A, +3.3 V @ 1 A, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	98,000 hours @ 25 °C
1757000127 (2+1 redundant)	570 W (ATX, PFC)	AC 115 ~ 230 V (Full-range)	+5 V @ 50 A, +3.3 V @ 40 A, +12 V @ 34 A, -5 V @ 1 A, -12 V @ 1 A, +5 Vsb @ 1.2 A	+5 V @ 6 A, +3.3 V @ 2 A, +12 V @ 3 A, -12 V @ 0.1 A, -5 V @ 0.1 A, +5 Vsb @ 0.1 A	UL/TUV/CB	100,000 hours @ 25°C
1757000128 (3+1 redundant)	810 W (ATX, PFC)	AC 115 ~ 230 V (Full-range)	+5 V @ 75 A, +3.3 V @ 60 A, +12 V @ 51 A, -5 V @ 1.5 A, -12 V @ 1.5 A, +5 Vsb @ 1.6 A	+5 V @ 9 A, +3.3 V @ 3 A, +12 V @ 4.5 A, -12 V @ 0.15 A, -5 V @ 0.15 A, +5 Vsb @ 0.15 A	UL/TUV/CB/CCC	100,000 hours @ 25°C

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	Single
PCA-6119P17-0B1	16 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6120D-0B1	20 ISA	Dual
PCA-6120DP4-0B1	7 ISA, 6 PCI, 2 PICMG/PCI, 4 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-6120P12-0A1	7 ISA, 11 PCI, 1 PICMG, 1 PICMG/PCI	Single
PCA-6120P18-0A1	1 ISA, 17 PCI, 1 PICMG, 1PICMG/PCI	Single

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-623BP-40ZB	1757000131 (single P/S)	-	UL, cUL, CE
IPC-623BP- 40RZB	RPS-40XZ-V (1+1 RPS)	-	UL, cUL, CE
IPC-623BP-50ZB	1757000133 (single P/S)	-	UL, cUL, CE
IPC-623BP-57NB	1757000127 (2+1 RPS)	-	UL, cUL, CE
IPC-623BP-81NB	1757000128 (3+1 RPS)	-	UL, cUL, CE