

IPC-602

2U 6-slot Rackmount Chassis



Features

- 2U-high 6-slot rackmount chassis
- Butterfly backplane design
- 300 W ATX power supply
- Two filtered 42-CFM cooling fans
- Recommended CPU cards for optimum integration

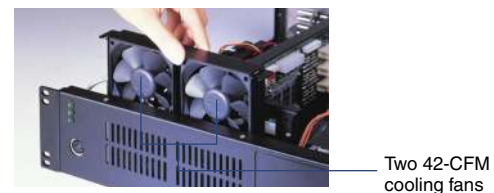


Introduction

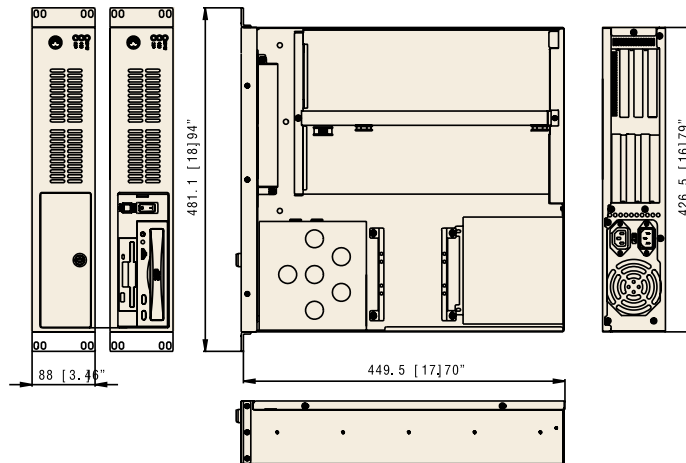
IPC-602 is a slim rugged 2U-high 19" rackmount industrial computer chassis designed for space-limited applications. With only 2U in height, IPC-602 provides the space efficiency required in applications such as CT and networking. It can accommodate a six PCI/ISA backplane with a butterfly design. In addition, IPC-602 has easy-to-replace fans and filters, giving you easier serviceability for the system.

Specifications

Drive Bay	3.5"	Front-accessible	Internal
	5.25"	1	1
Cooling	Fan	2 (42 CFM/each)	
	Air Filter	Yes	
I/O Interface	PS/2	1 (keyboard, front-accessible)	
Miscellaneous	Indicator	LED displays for power on, +3.3 V DC status and HDD activity	
	Keyboard Connector	Reserved 9-pin and 25-pin brackets at rear panel	
Environment	Temperature	Operating	Non-Operating
	Humidity	0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
	Vibration (5-500 Hz)	--	10 ~ 95 % @ 40 °C, non-condensing
	Shock	0.5 Grms	2 G
	Acoustic Noise	15 G (with 11 ms duration, half sine wave)	30 G
	Altitude	Less than 52 dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F)	
Physical	Dimensions (W x H x D)	0 to 3048 m (0 ~ 10,000 ft)	
	Weight	482 x 88 x 450 mm (19" x 3.5" x 17.7")	
		10 Kg (22 lb)	



Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				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
PS-260-610E (AT)	260 W	AC 110/220 V	+5 V @ 25 A, +12 V @ 9 A -5 V @ 0.5 A, -12 V @ 2 A	+5 V @ 1 A +12 V @ 0.1 A	UL/CSA/CE/TÜV	140,000 hours @ 50 °C full load
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 @ 1.5 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-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/TUV/CCC	100,000 hours @ 25 °C 75 %load
PS-300ATX-ZB (ATX, PFC)	300W	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 A @ 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

Storage Device Options

Part Number	Descriptions
SCD-FDD-COMBO	Storage kit with slim 24X CD-ROM and standard 3.5" black FDD
SCD COMBO	5.25" compact storage kit with slim 24X CD-ROM and a 3.5" drive bay for FDD or HDD
9684000014	3.5" FDD with black bezel

Special Cable Options

Part Number	Descriptions
1701400652	HDD cable, ATA 66/100, 45 cm + 20 cm

Ordering Information

Part Number	With Power Supply	With Backplane	Regulation
IPC-602P3-00P	Without power supply, with AT switch	PCA-6106P3V-0B1	None
IPC-602P3-00X	Without power supply, with ATX switch	PCA-6106P3V-0B1	None
IPC-602P3-25Z	PS-250ATX-Z	PCA-6106P3V-0B1	UL, cUL, CE
IPC-602P3-26P	PS-260-610E	PCA-6106P3V-0B1	UL, cUL, CE
IPC-602P3-30D	PS-310-DC48	PCA-6106P3V-0B1	UL, cUL, CE
IPC-602P3-30Z	PS-300ATX-ZB	PCA-6106P3V-0B1	UL, cUL, CE
IPC-602P4-00X	Without power supply, with ATX switch	PCA-6105P4V-0B2	None
IPC-602P4-25Z	PS-250ATX-Z	PCA-6105P4V-0B2	UL, cUL, CE
IPC-602P4-30Z	PS-300ATX-ZB	PCA-6105P4V-0B2	UL, cUL, CE