

IPC-7220

Desktop/Wall mountable Chassis for ATX Motherboard



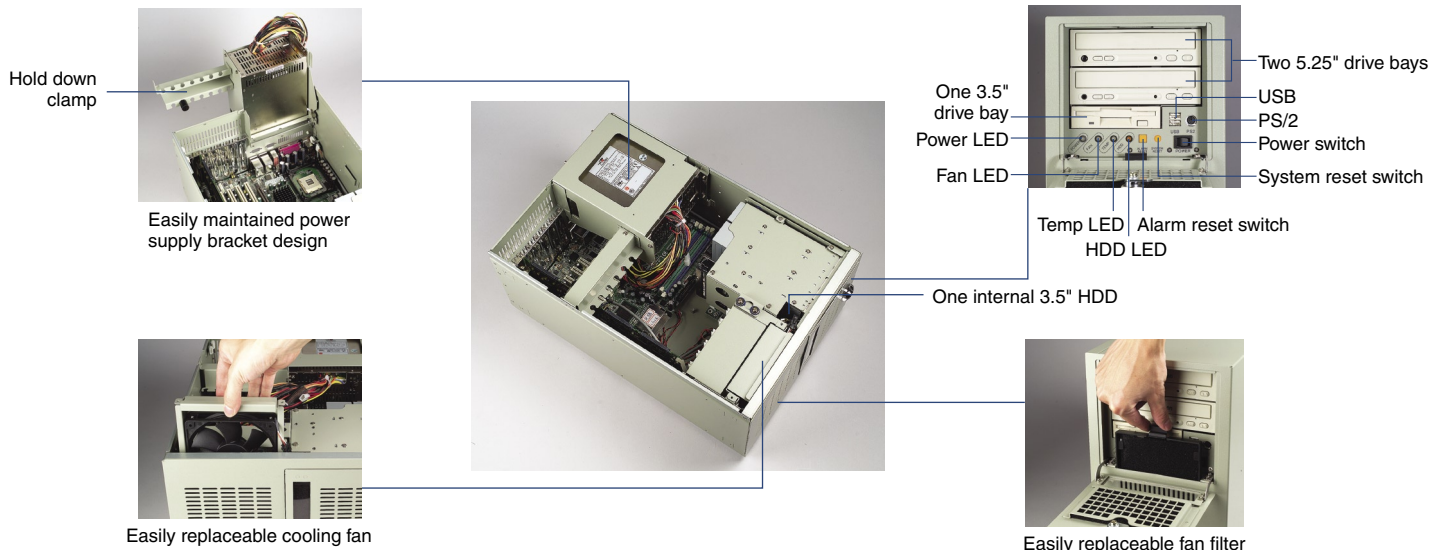
Features

- Desktop/Wall mountable chassis for ATX motherboard
- Supports two front-accessible 5.25" disk drives, one FDD and one internal 3.5" HDD
- Lockable front door prevents from any unauthorized access
- Front accessible USB and PS/2 connectors
- Front LED indicators for fault detection and alarm notification
- Easily-maintained air filters
- Shock-resistant drive bay design
- Bi-directionally mountable on panels or walls with supplied bracket
- Optional redundant power supply

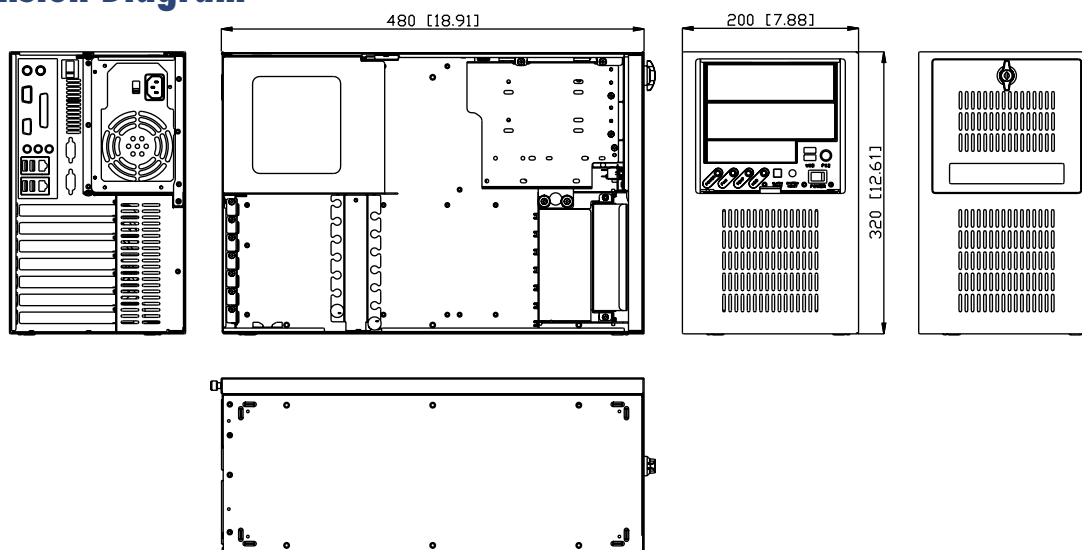


Specifications

Drive Bay	5.25"	Front-accessible	2	Internal	
	3.5"		1		1
Cooling	Air Filter		2 (one 7 cm x 12 cm and one 12 cm x 12 cm)		
I/O Interfaces	USB		2(front-accessible)		
	PS/2		PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed CPU board		
Miscellaneous	Indicators		PWR, HDD, TEMP and FAN		
	Switchs		Power and Reset		
	Rear panel		Two D-SUB 9-pin openings		
Environmental	Temperature	Operating	0 ~ 40 °C (32 ~ 104 °F)	Non-Operating	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity		10 ~ 85 % @ 40 °C, non-condensing		10 ~ 95 % @ 40 °C, non-condensing
	Vibration (5 ~ 500MHz)		1G rams		2G
	Shock		10G (with 11 ms duration, half sine wave)		30G
	Acoustic Noise		Less than 52dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F)		
	Altitude		0 to 3,048 m (0 ~ 10,000 ft)		
	Physical	Dimensions (W x H x D)	200 x 320 x 480 mm (7.9" x 12.6" x 18.9")		
Compliance	Weight	11.5 kg (25.3 lb)			
	Safety	CE compliant, UL/cUL			



Dimension Diagram



Unit: mm (inch)

Power Supply Options

Part number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
PS-300ATX-DC48 (ATX)	300W	DC -32 ~ -72 V	+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 @ 0.3 A, +3.3 V @ 0.3 A +12 V @ 0.2 A	UL (60950 3rd)/CE/TUV/CSA/ Nemko/CB/CCC	100,000 hrs @ 25°C full 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 V @ 0.3 A, +5 Vsb @ 2 A	+5 V @ 0.1 A, +12 V @ 0.3 A	UL/cUL (60950 3rd)/CE (EN61000-3-2 Class D)/FCC/ TUV/CSA/Nemko/CB/CCC	100,000 hrs @ 25°C full load
RPS-300ATX-Z (ATX, PFC)	300W	AC 90 ~ 264 V (Full range)	+5 V @ 25 A, +3.3 V @ 18 A +12 V @ 16 A, -12 V @ 0.5 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A +12 V @ 2 A, +5 Vsb @ 0.1 A	UL/cUL (60950 3rd)/ CE (EN61000-3-2 Class D)/ TUV/FCC/CB/CCC	150,000 hrs @ 25°C full load
PS-400ATX-ZB (ATX, PFC)	400W	90 ~ 240 V (Full range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 30 A, -12 V @ 1.0 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A +12 V @ 2 A, +5 Vsb @ 0.1 A	UL/cUL (60950 3rd)/CE (EN61000-3-2 Class D)/FCC/ TUV/CSA/Nemko/CB/CCC	100,000 hrs @ 25°C full load
RPS-400ATX-Z (ATX, PFC)	400W	AC 90 ~ 264 V (Full range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 28 A, -12 V @ 1.2 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A +12 V @ 2 A, +5 Vsb @ 0.1 A	UL/cUL (60950 3rd)/ CE (EN61000-3-2 Class D)/ TUV/FCC/CB/CCC	150,000 hrs @ 25°C full load

Accessory Options

Ordering P/N	Descriptions
1700060202	Y-cable for PS/2 mouse and keyboard
1750000073	P4 CPU cooler up to 3.2GHz
1759200410	Fan 120*120*25.4mm with housing
1990000486	Fan filter in front of fan
1990000488	Fan filter on drive bay door

Ordering Information

Part number	With Power Supply	Suggested Advantech MotherBoard	Regulation
IPC-7220-00X	Without power supply With ATX switch	AIMB-740 AIMB-741 AIMB-742 AIMB-744 AIMB-750	None
IPC-7220-30Z	PS-300ATX-ZB		UL, cUL, CE
IPC-7220-30R	RPS-300ATX-Z		UL, cUL, CE



Optional redundant power supply version