

# IPC-7143

## Desktop/Wallmount Chassis with Mobile SATA HDD Trays & Bottom Accessible I/O Interfaces

**NEW**



### Features

- Desktop/Wall mountable chassis for ATX motherboard
- Supports one slim-type CD-ROM drive, two mobile 3.5" SATA HDDs, one FDD and one standard 3.5" disk drive
- Bi-directional wall-mount options with bottom accessible I/O interfaces
- Easy-replaceable 85 CFM cooling fan with air filter
- Front accessible dual USB and PS/2 connectors
- Visible LED indicators and audible alarm notification for system fault detection
- Removable and shock-resistant disk drive housing design
- Lockable front door prevents unauthorized access
- Optional dual redundant power supply

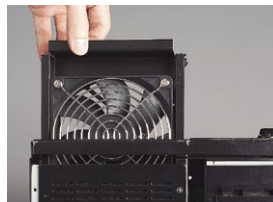


### Specifications

Drive Bay	Slim-type CD-ROM drive	Front-accessible	1
	3.5" disk drive		4 (2 standard + 2 mobile SATA HDD trays)
Cooling	Fan	One 12 cm x 12 cm (up to 3.8 cm depth) 85 CFM; one 5 cm x 5 cm 4 CFM blower	
	Air Filter	One 120 x 120 mm	
I/O Interface	USB	2 (Front-accessible)	
	PS/2	PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard	
Miscellaneous	LED Indicators	PWR, HDD, TEMP and Fan	
	Switches	Power, system reset and alarm reset	
	Bottom panel	Reserved two D-SUB 9-pin openings	
	Hold-down Clamp	Hold-down clamp with attached rubber cushions	
Environment	Temperature	Operating	Non-Operating
	Humidity	0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
	Vibration (5 ~ 500MHz)	10 ~ 85 % @ 40 °C, non-condensing	10 ~ 95 % @ 40 °C, non-condensing
	Shock	1 G rams	2 G
	Altitude	10 G (With 11 ms duration, half sine wave)	30 G
Physical Characteristics	Dimensions (W x H x D)	320 x 450 x 200 mm ( 12.6" x 17.7" x 7.9")	
	Weight	14 kg (30.8 lb)	



Plug ring for fixing power cord well (PS-400ATX-ZB)



Easy-to-maintain cooling fan & filter



One slim CD-ROM drive, two 3.5" disk drives and two mobile SATA HDD trays



Bottom view of IPC-7143

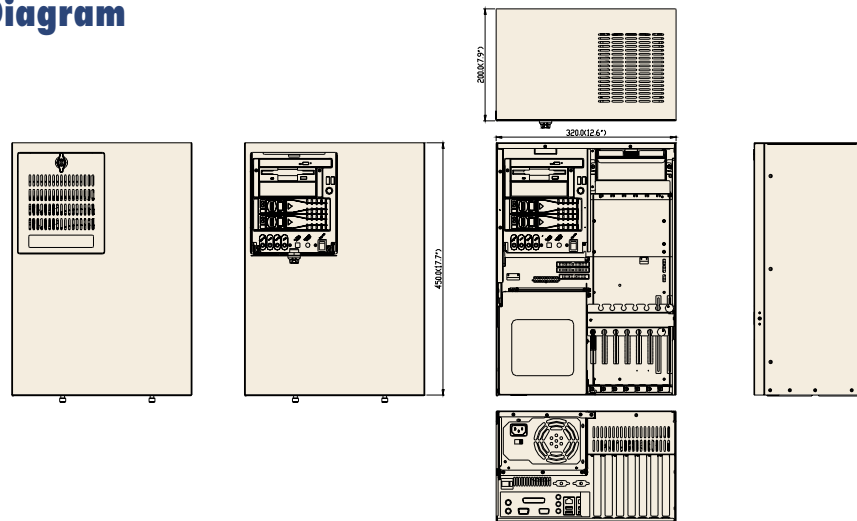


Power supply bracket with hinges



Bi-directional wall-mountable design

## Dimension Diagram



Unit: mm (inch)

## Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (ATX, PFC)	300W	AC 100 ~ 240 V (Full range)	+5 V @ 30 A, +12 V @ 15 A, +3.3 V @ 28 A, -5 V @ 0.3 A, -12 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 0.1 A, +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hrs @ 25 °C
RPS-300ATX-Z (ATX, PFC)	300W	AC 100 ~ 240 V (Full range)	+5 V @ 25 A, +12 V @ 16 A, +3.3 V @ 18 A, -5 V @ 0.5 A, -12 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/TUV/CB/CCC	150,000 hrs @ 25 °C
PS-400ATX-ZB (ATX, PFC)	400W	AC 100 ~ 240 V (Full range)	+5 V @ 35 A, +12 V @ 30 A, +3.3 V @ 25 A, -5 V @ 0.8 A, -12 V @ 1 A, +5 Vsb @ 2 A	+5V @ 3 A, +3.3 V @ 1 A, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	91,000 hrs @ 25 °C
RPS-400ATX-Z (ATX, PFC)	400W	AC 100 ~ 240 V (Full range)	+5 V @ 35 A, +12 V @ 28 A, +3.3 V @ 25 A, -5 V @ 0.5 A, -12 V @ 1.2 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 2 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hrs @ 25 °C
PS-300ATX-DC48	300W	DC -48 V	+5 V @ 30 A, +12 V @ 15 A, +3.3 V @ 28 A, -5 V @ 0.3 A, -12 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 0.3 A, +3.3 V @ 0.3 A, +12 V @ 0.2 A	UL/TUV/CB/CCC	100,000 hrs @ 25 °C

## Optional Accessories

Part Number	Description
SCD-ROM	Black slim-type 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRW	Black slim-type 8x DVD + 24X CD-RW with 40-pin IDE connector
9684000014	3.5" FDD with black bezel
1750000073	2U-high P4 CPU cooler up to 3.2 GHz (89 W)
1700060202	Y-cable for PS/2 mouse & keyboard

## Ordering Information

Part Number	Power Supply	Motherboard	Regulation
IPC-7143-00X	Without power supply, With ATX switch	AIMB-740 AIMB-741 AIMB-742	-
IPC-7143-30Z	PS-300ATX-ZB	AIMB-744	UL, cUL, CE
IPC-7143-30R	RPS-300ATX-Z	AIMB-750 AIMB-760	UL, cUL, CE
IPC-7143-40Z	PS-400ATX-ZB		UL, cUL, CE
IPC-7143-40R	RPS-400ATX-Z		UL, cUL, CE

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