

Industrial Computer Chassis

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Industrial Computer Chassis



ACP-1000



ACP-2010MB/2000MB



ACP-2320MB



ACP-2000/
IPC-602



IPC-603MB

Selection Guide

Height (1U = 1.75")		1U	2U	2U	2U	2U
Model		ACP-1000	ACP-2010MB/ ACP-2000MB	ACP-2320MB	ACP-2000/IPC-602	IPC-603MB
Form Factor Support		PICMG 1.0 ATX/MicroATX	ATX/MicroATX	ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX	ATX/MicroATX
Drive Bay	Slim CD-ROM	1	-	1	1/-	1
	3.5"	Front	1	2 (SATA)	2/1	-
		Internal	1	2	-/1	1
	5.25"	-	1	-	-/1	-
Front I/O	USB	Yes	Yes	Yes	Yes	Yes (on motherboard)
	PS/2	Yes	Yes	Yes	Yes	Yes (on motherboard)
Cooling	No. of Fans	4	2	3	2	2
	CFM	10	47	2 x 47 1 x 28	47/40	47
Power	AC	200 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC (ACP-2010MB)	300 W ATX/PFC 400 W ATX/PFC	250 W ATX/PFC (IPC-602) 300 W ATX/PFC 400 W ATX/PFC (IPC-602)	300 W ATX/PFC
	AC Redundant	-	-	-	300 W 1+1 (ACP-2000)	-
	DC	180W ATX (ACP-1000BP)	-	-	300 W ATX	-
No. of Slots / No. of Full-sized Cards		3/3	3/3	3/3	6/6	3/0
Passive Backplane Options	PICMG 1.0	refer to Chapter 3				
	PICMG 1.3	refer to Chapter 3				
System Fault Detection		Yes (MB version)	Yes	Yes	Yes/-	-
Dimensions (W x H x D)	mm	BP: 480 x 44 x 497 MB: 480 x 44 x 450	482 x 88 x 480 (ACP-2010MB) 482 x 88 x 450 (ACP-2000MB)	482 x 88 x 480	482 x 88 x 450	482 x 88 x 310
	inch	BP: 19 x 1.7 x 19.6 MB: 19 x 1.7 x 17.7	19 x 3.5 x 18.9 (ACP-2010MB) 19 x 3.5 x 17.7 (ACP-2000MB)	19 x 3.5 x 18.9	19 x 3.5 x 17.7	19 x 3.5 x 12.2
Weight	kg	8.8/8.0	13.0/12.5	13.5	13.5/13	8
	lb	19.4/17.6	28.6/27.5	29.7	29.7/28.6	17.6
Reference Page		20-6/20-8	20-10	20-12	20-14	20-16



ACP-4362/4360



ACP-4010



ACP-4320



ACP-4000



IPC-630



IPC-610-F



IPC-610-H/L



IPC-611

4U	4U	4U	4U	4U	4U	4U	4U
ACP-4362	ACP-4010	ACP-4320	ACP-4000	IPC-630	IPC-610-F	IPC-610-H/IPC-610L	IPC-611
PICMG 1.0/1.3 ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX	PICMG 1.0/1.3 ATX/MicroATX
1	-	-	-	-	-	-	-
6 (SATA) + 1	1	2 (SATA) + 1	1	1	1	1	1
-	1	-	-	1	1	-	-
-	2	2	3	3	3	3	3
Yes	Yes	Yes	Yes	Yes	-	Yes/-	-
-	-	-	Yes	-	-	Yes/-	-
3	2	2	2	1	1	2/1	1
1 x 114 2 x 47	85	1 x 114 1 x 28	85	114	85	85	85
400 W ATX/PFC 500 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	250W ATX/PFC 300 W ATX/PFC 400 W ATX/PFC (IPC-610-H)	250 W ATX/PFC 300 W ATX/PFC
400 W 1+1	300 W 1+1 400 W 1+1	300 W 1+1 400 W 1+1	300 W 1+1 400 W 1+1	300 W 1+1 400 W 1+1	300 W 1+1	300 W 1+1 (IPC-610-H)	-
-	-	300 W ATX	300 W ATX	300 W ATX	300 W ATX	300 W ATX (IPC-610-H)	-
15/9	15/15	15/10	14/11	15/10	14/10	14/11	14/11
refer to Chapter 3							
refer to Chapter 3							
Yes	Yes	Yes	Yes	Yes	-	-	-
482 x 177 x 478	482 x 177 x 480	482 x 177 x 478	482 x 177 x 478	BP:482 x 177 x 447 MB:482 x 177 x 497	482 x 177 x 452	482 x 177 x 478	482 x 177 x 478
19 x 7 x 18.8	19 x 7 x 18.9	19 x 7 x 18.8	19 x 7 x 18.8	BP:19 x 7 x 17.6 MB:19 x 7 x 17.6	19 x 7 x 17.8	19 x 7 x 18.8	19 x 7 x 18.8
19	18.5	18	18	18	18	17/16.5	16.5
41.8	40.7	39.6	39.6	39.6	39.6	37.4/36.3	36.3
20-18	20-20	20-22	20-24	20-26	20-28	20-30	20-32

Industrial Computer Chassis



Selection Guide

Height (1U = 1.75")			4U	4U	5U	6U	7U	-	-
Model			IPC-510	IPC-623	ACP-5260	IPC-622	ACP-7000	IPC-5120	IPC-7120
Form Factor Support			PICMG 1.0/1.3 ATX/microATX	PICMG 1.0/1.3	PICMG 1.0/1.3 ATX/microATX	PICMG 1.0	PICMG 1.0/1.3 ATX/microATX	microATX	ATX/microATX
Drive Bay	Slim CD-ROM		-	-	1	-	1	-	-
	3.5"	Front	1	1	6 (SCSI) + 1	-	6 (SCSI) + 1	1	1
		Internal	1	1	-	2	-	1	1
	5.25"		3	3	1	4	2	1	1
Front I/O	USB		Yes	-	Yes	Yes	Yes	Yes (on motherboard)	Yes (on motherboard)
	PS/2		Yes	-	Yes	-	Yes	Yes (on motherboard)	Yes (on motherboard)
Cooling	No. of Fans		1	3	7	4	6	2	2
	CFM		85	114	2 x 47 3 x 114 2 x 25	53	4 x 58 2 x 47	1 x 85 1 x 10	1 x 85 1 x 10
Power	AC		250 W ATX/PFC 300 W ATX/PFC	400 W ATX/PFC 500 W ATX/PFC	-	400 W ATX/PFC 500 W ATX/PFC	-	300 W ATX/PFC	300 W ATX/PFC
	AC Redundant		-	460 W 1+1 570 W 2+1 810 W 3+1	460 W 1+1 570 W 2+1 810 W 3+1	460 W 1+1	460 W 1+1 570 W 2+1 810 W 3+1	-	-
	DC		-	-	-	-	-	-	-
No. of Slots / No. of Full-sized Cards			14/8	20/20	20/20	20/20	20/20	4/0	7/0
Passive Backplane Options	PICMG 1.0		refer to Chapter 3						
	PICMG 1.3		refer to Chapter 3						
System Fault Detection			-	Yes	Yes	Yes	Yes	-	-
Dimensions (W x H x D)	mm		482 x 177 x 450	482 x 177 x 657	482 x 222 x 660	482 x 266 x 463	482 x 307 x 500	320 x 164 x 307	380 x 164 x 307
	inch		19 x 7 x 17.7	19 x 7 x 25.9	19 x 8.75 x 26	19 x 10.5 x 18	19 x 12.1 x 19.7	12.6 x 6.5 x 12.1	15 x 6.5 x 12.1
Weight	kg		12.5	26	30	30	35	8	9
	lb		27.5	57	66	66	77	17.6	19.8
Reference Page			20-34	20-36	20-38	20-40	20-42	20-44	20-46



IPC-7143



IPC-7220



IPC-6908



IPC-6608/6606



IPC-6806



IPC-644



IPC-6006

-	-	-	-	-	-	-
IPC-7143	IPC-7220	IPC-6908	IPC-6608/6606	IPC-6806	IPC-644	IPC-6006
ATX/microATX	ATX/microATX	PICMG 1.0/1.3	PICMG 1.0/1.3	PICMG 1.0	PICMG 1.0/1.3	PICMG 1.0
1	-	-	-	-	-	-
2 (SATA) + 2	1	1	1	1	1	-
-	1	1	-	1	1	-
-	2	2	2 (IPC-6608) 1 (IPC-6606)	1 (IPC-6806W) 0 (IPC-6806/6806S)	-	-
Yes	Yes	-	-	Yes (IPC-6806W/6806S)	-	-
Yes	Yes	-	-	-	-	-
2	1	2	1	1	2	-
1 x 85 1 x 47	85	53	85 (IPC-6608) 53 (IPC-6606)	58 (IPC-6806W) 53 (IPC-6806/6806S)	1 x 53 1 x 14	-
300 W ATX/PFC 400 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	250 W ATX/PFC 300 W ATX/PFC 400 W ATX/PFC	250 W ATX/PFC 300 W ATX/PFC	150 W (IPC-6806S) 200 W (IPC-6806) 300 W (IPC-6806W)	150 W ATX/PFC	-
300 W 1+1 400 W 1+1	300 W 1+1 400 W 1+1	300 W 1+1	-	-	-	-
300 W ATX	300 W ATX	300 W ATX	-	-	-	-
7/7	7/7	8/8	8/8 (IPC-6608) 6/6 (IPC-6606)	6/0 (IPC-6806S) 6/6 (IPC-6806/6806W)	4/0	6/6 (IPC-6006/6006P) 6/0 (IPC-6006S)
refer to Chapter 3						
refer to Chapter 3						
Yes	Yes	Yes	-	-	-	-
320 x 450 x 200	200 x 320 x 480	200 x 300 x 463	173 x 315 x 410 (IPC-6608) 173 x 254 x 396 (IPC-6606)	191 x 170 x 285 (IPC-6806S) 166 x 170 x 393 (IPC-6806) 198 x 213 x 393 (IPC-6806W)	135 x 209 x 305	158 x 186 x 368 (IPC-6006/6006P) 158 x 186 x 215 (IPC-6006S)
12.6 x 17.7 x 7.9	7.9 x 12.6 x 18.9	7.9 x 11.8 x 18.2	6.8 x 12.4 x 16.1	7.7 x 6.7 x 11.2 (IPC-6806S) 6.5 x 6.7 x 15.4 (IPC-6806) 7.8 x 8.4 x 15.4 (IPC-6806W)	5.3 x 8.2 x 12	6.2 x 7.3 x 14.5 (IPC-6006/6006P) 6.2 x 7.3 x 8.4 (IPC-6006S)
14	14	13	11 (IPC-6608) 9 (IPC-6606)	6 ~ 8	5	2.2 (IPC-6006/6006P) 1.6 (IPC-6006S)
30.8	30.8	28.6	24.2 (IPC-6608) 19.8 (IPC-6606)	13.2 ~ 17.6	11.4	4.8 (IPC-6006/6006P) 3.5 (IPC-6006S)
20-48	20-50	20-52	20-54	20-56	20-58	20-60

ACP-1000

1U Rackmount Chassis with Dual 64/32-bit PCI Slots



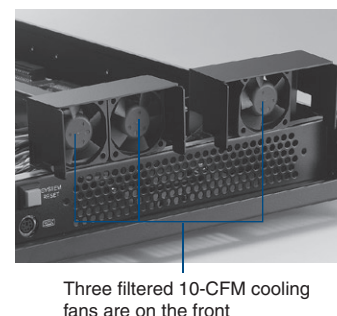
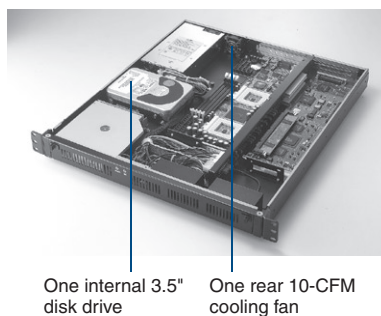
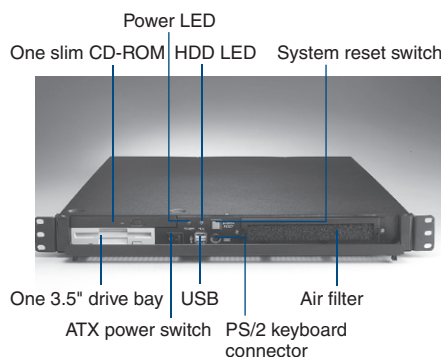
Features

- Easy-to-install disk drive bay to hold a slim CD-ROM and 3.5" disk drive
- Front-accessible USB and PS/2 ports for easy data transfer
- Reserved 9-pin D-Sub opening at rear for external COM or LAN connection
- Supports up to two 64-bit full-length PCI cards
- Four cooling fans designed for optimizing the system's airflow

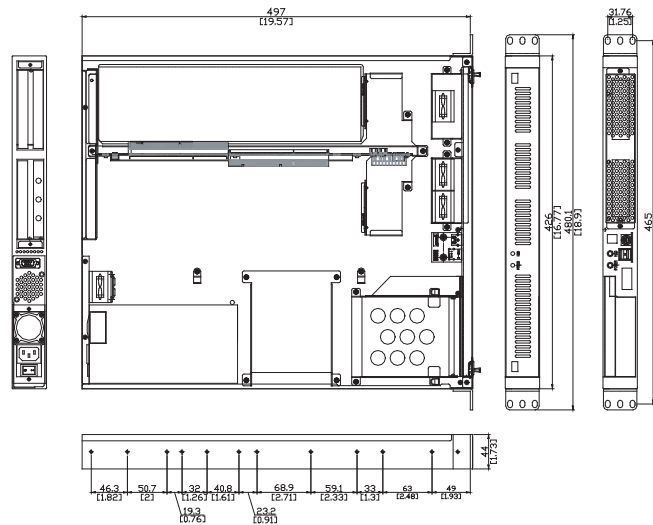


Specifications

		Front-accessible	Internal
Drive Bay	Slim CD-ROM	1	-
	3.5"	1	1
Cooling	Fan	Front-accessible	Rear Panel
	Air Filter	3 (10 CFM each)	1 (10 CFM)
I/O Interface	USB	Yes	-
	PS/2	2 (front-accessible)	
Miscellaneous	Rear Panel	PS/2 keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board	
	Slide Rails	Reserved one 9-pin D-Sub opening	
Environment		General Devices (http://www.generaldevices.com/) C-300 series supported (not included)	
		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	480 x 44 x 497 mm (18.9" x 1.7" x 19.6")	
	Weight	8.8 kg (19.4 lb)	



Dimensions



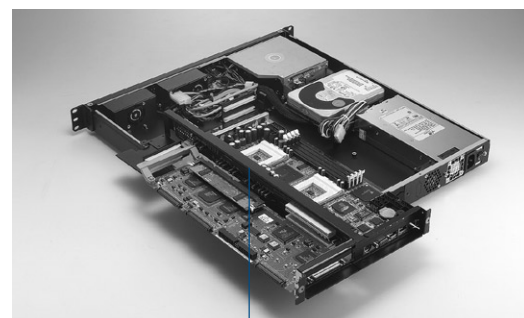
Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757920000G (ATX, PFC)	200 W	AC 100 ~ 240 V (full-range)	+5 V @ 16 A, +3.3 V @ 14 A +12 V @ 9 A, -12 V @ 0.7 A -5 V @ 0.2 A, +5 Vsb @ 1.5 A	+5 V @ 2 A, +12 V @ 1 A -5 V @ 0.1 A, -12 V @ 0.1 A +3.3 V @ 0.1 A	UL/TUV/CB/CCC	84,000 hours @ 25° C
1757918000G (ATX)	180 W	DC - 40 ~ 56 V	+5 V @ 20 A, +3.3 V @ 12 A +12 V @ 7 A, -12 V @ 1 A -5 V @ 0.5 A, +5 Vsb @ 1.5 A	+5 V @ 2 A, +12 V @ 1 A -5 V @ 0.1 A, -12 V @ 0.1 A +3.3 V @ 1 A, +5Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

Part Number	Description
1750000242	Low profile P4 Socket 478 CPU cooler up to 2.5 GHz (0.13 micron)
1750000432	Low profile P4 Socket 478 CPU cooler up to 2.8 GHz (0.13 micron 70 W)
19991K0000	Filter 166 x 32 x 5 mm
96FDD-144-TE-B1	Black 3.5" FDD
96SCD-24X-I-OD-B	Black slim 24X CD-ROM
96SCOM-24X8X-TE-B1	Black slim 24X/8X/24X DVDRW-ROM



Butterfly backplane design supports two full-length 64-bit PCI expansion cards

Ordering Information

Part Number	Power Supply	Backplane	Regulation
ACP-1000P2-20ZE	1757920000G	969K610301E (PCA-6103P2V)	CE
ACP-1000X2-20ZE	1757920000G	9692610334E (PCA-6103P2VX)	CE
ACP-1000P2-00XE	-	969K610301E (PCA-6103P2V)	-
ACP-1000X2-00XE	-	9692610334E (PCA-6103P2VX)	-



Rear 10-CFM cooling fan

ACP-1000MB

1U 1-slot Rackmount Chassis for ATX/MicroATX Motherboard

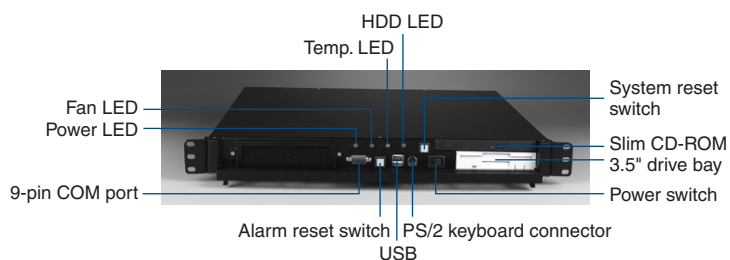


Features

- System alarm notification by front LED indicators
- Front-accessible USB and PS/2 interfaces
- Easy-to-install disk drive bay to hold one slim CD-ROM, one 3.5" FDD and one internal 3.5" HDD
- Various riser card options to support one full-length PCI or PCIe card for expansion
- Streamlined & efficient cooling design with three fans in the front side and one fan in the rear side

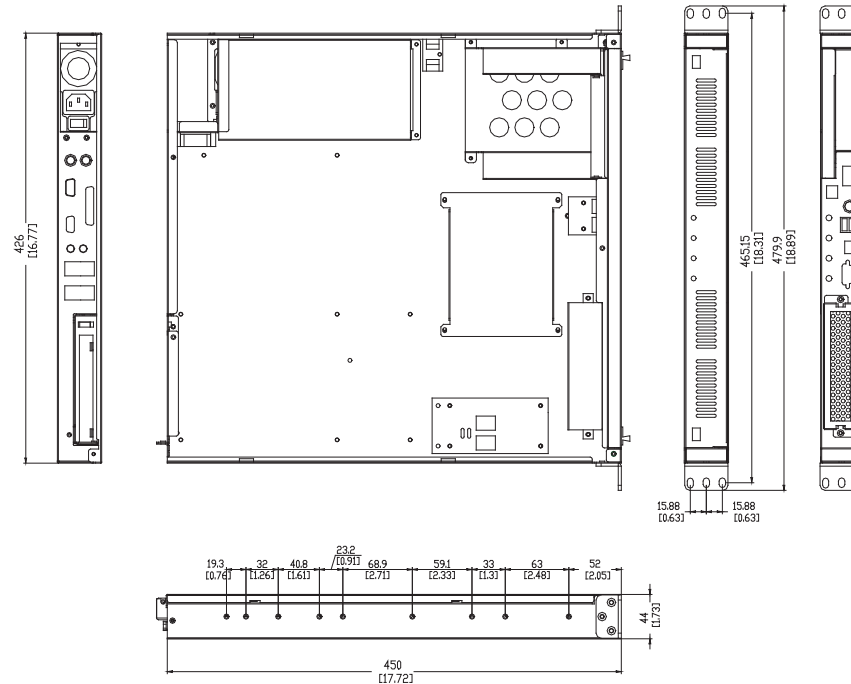
Specifications

		Front-accessible	Internal
	Drive Bay		
	Slim CD-ROM	1	-
	3.5"	1	1
Cooling	Fan	Front	Rear
		3 (10 CFM each)	1 (15 CFM)
	Air Filter	Yes (Front-accessible)	
I/O Interface	USB	2 (Front-accessible)	
	PS/2	1 (for keyboard, front-accessible)	
Miscellaneous	Front Panel	Reserved one 9-pin D-Sub opening	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	480 x 44 x 450 mm (18.9" x 1.7" x 17.7")	
	Weight	8 kg (17.6 lb)	



200 W ATX PFC power supply & rear panel of motherboard

Dimensions



Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
1757000005G (ATX, PFC)	200 W	AC 100 ~ 240 V (full-range)	+5 V @ 16 A, +3.3 V @ 14 A +12 V @ 9 A, -12 V @ 0.7 A -5 V @ 0.2 A, +5 Vsb @ 1.5 A	+5 V @ 2 A, +12 V @ 1 A -5 V @ 0.1 A, -12 V @ 0.1 A +3.3 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	84,000 hours @ 25° C

Ordering Information

Part Number	Power Supply	Motherboard	Regulation
ACP-1000MB0-20ZE	1757000005G	-	CE

Riser Card Options

Part Number	Interface	Expansion Slot	Supported Motherboard
AIMB-R4104-01A1E	PCIe x4	one PCIe x4	AIMB-554
AIMB-RP10P-01A1E	PCI	one PCI	AIMB-740/742/744/750



Supports one full-length 32-bit PCI card

Accessories

Part Number	Description
96SCD-24X-I-OD-B	Black slim 24X CD-ROM
96SCOM-24X8X-TE-B1	Black slim 24X/8X/24X DVD RW-ROM
96FDD-144-TE-B1	Black 3.5" FDD
1750000432	Low-profile P4 CPU cooler up to 2.8 GHz (0.13 micron 70 W)
1999002310	Filter for ACP-1000 MB (122.5 x 32 x 5 mm)



Three filtered 10-CFM cooling fans at the front

ACP-2010MB/ 2000MB

2U Rackmount Chassis for ATX/ MicroATX Motherboard with Low-profile Rear Bracket Option

NEW

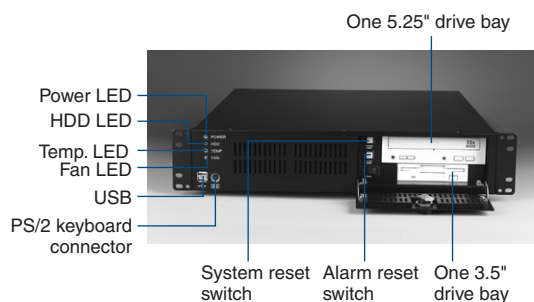


Features

- LED indicators and audible alarm notification for system fault detection
- Shock-resistant drive bays to hold one 5.25" and three 3.5" drives (one front-accessible and two internal)
- Various riser card options to support three full-length PCI or PCIe cards for expansion
- Supports 300 W / 400 W ATX PFC power supply
- Reusable and washable air filters

Specifications

		Disk Drive Bay	
		Front-accessible	Internal
Disk Drive Bay	5.25"	1	-
	3.5"	1	2
Cooling	Fan	2 (47 CFM each)	
	Air Filters	Yes	
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	Power, HDD, Temperature, Fan	
	Rear Panel	Reserved two 9-pin D-Sub openings	
	Slide Rails	General Devices (http://www.generaldevices.com) C-300 series supported (not included)	
Environment		Operating	Non-operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5-500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 88 x 480 mm (19" x 3.46" x 18.9") (ACP-2010MB) 482 x 88 x 450 mm (19" x 3.46" x 17.7") (ACP-2000MB)	
	Weight	13.0 kg / 28.6 lb (ACP-2010MB) 12.5 kg / 27.5 lb (ACP-2000MB)	



Inside View



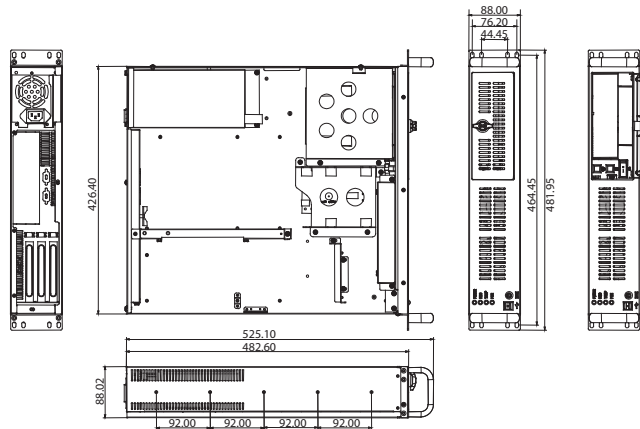
Rear view of ACP-2010MB



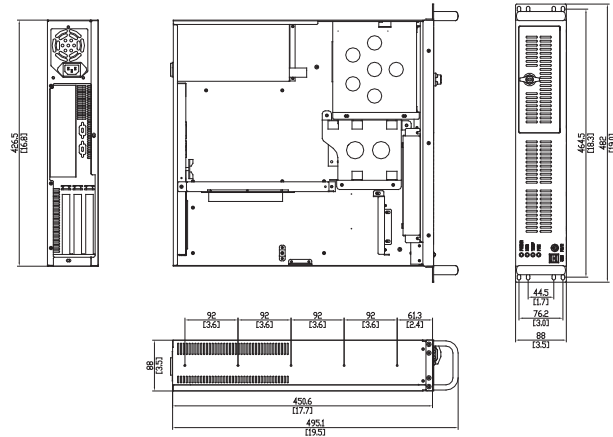
Rear I/O bracket for low profile
add-on cards

Dimensions

ACP-2010MB



ACP-2000MB



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
1757000007G (ATX, PFC)	300 W	AC 100 ~ 240 V (full range)	+5 V @ 35 A, +3.3 V @ 20 A, +12 V @ 16 A, -5 V @ 0.5 A, -12 V @ 1 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 2 A, -5 V @ 0.05 A, -12 V @ 0.05 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	97,800 hrs @ 25° C
1757000105G (ATX, PFC) (ACP-2010MB only)	400 W	AC 100 ~ 240 V (full range)	+5 V @ 25 A, +3.3 V @ 20 A, +12 V @ 28 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	100,000 hrs @ 25° C

Ordering Information

Model Name	Power Supply	Motherboard	Regulation
ACP-2010MB0-00XE	Without power supply, with ATX switch	Supports AIMB-7XX & AIMB-5XX series. Riser card is not included.	-
ACP-2010MB0-30ZE	1757000007G		CE
ACP-2000MB-00XE	Without power supply, with ATX switch	Only AIMB-740, 742, 744, 750 recommended. A 3-slot PCI riser card is included.	-
ACP-2000MB-30ZE	1757000007G		CE

Riser Card Options

Model Name	Interface	Expansion Slot	Motherboard
AIMB-R430P-03A1E	PCIe x4	three PCI	AIMB-762/554
AIMB-RP30P-03A1E	PCI	three PCI	AIMB-750/744/742/740/560
AIMB-RH31P-12A1E	PCI+ PCIe x1	two PCI + one PCIe x1	AIMB-760

* The riser cards are specially designed to support all Advantech AIMB series motherboards except AIMB-562 & AIMB-542. There might be compatibility issues with other vendor's motherboards, so an optional rear I/O bracket for low-profile add-on cards is provided.

Accessories

Part Number	Description
9680002285	Rear I/O bracket for low-profile add-on cards
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVD-RW-ROM
96FDD-144-TE-B	Black 3.5" FDD
SDVD-FDD-COMBOE	5.25" storage kit with slim 8X DVD, 24X CD-RW & standard 3.5" black FDD
SDVD-COMBOE	5.25" storage kit with slim 8X DVD, 24X CD-RW & a 3.5" drive bay for FDD or HDD
SCD-FDD-COMBOE	5.25" storage kit with slim 24X CD-ROM & standard 3.5" black FDD
SCD-COMBOE	5.25" storage kit with slim 24X CD-ROM & a 3.5" drive bay for FDD or HDD
1759200650	Fan 80 x 80 x 25 mm
1700060202	Y-cable for PS/2 mouse and keyboard

ACP-2320MB

2U 3-slot Rackmount Chassis for ATX Motherboard with Dual SATA HDD Trays



Features

- Dual easy-to-maintain SATA HDD trays for data mirroring applications
- Front LED indicators for system alarm notification
- Front-accessible USB and PS/2 interfaces
- Shock-resistant disk drive bay to hold two internal 3.5" HDDs
- Front-accessible and easy-to-replace air filters
- Butterfly riser card supporting up to three full-length PCI cards
- 300 W / 400 W ATX PFC power supply

Specifications

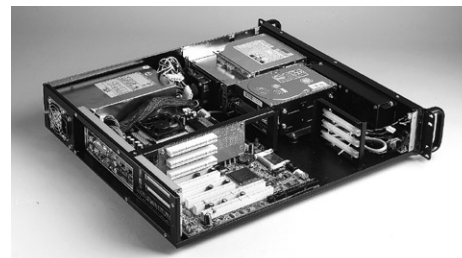
		Front-accessible	Internal
Drive Bay	Slim CD-ROM	1	-
	3.5"	2 (SATA HDD)	2 (SATA or ATA HDD, depending on the enclosed motherboard)
Cooling	Fan	2 (47 CFM each) + 1 (28 CFM)	
	Air Filter	One 5.3 cm x 12 cm filter in front of dual fans, and one smaller filter in the drive bay door; both are front accessible	
I/O Interface	USB	2 (Front-accessible)	
	PS/2	PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard	
Miscellaneous	Notification LEDs	PWR, HDD (Internal), temperature, Fan, SATA HDD power & activity	
	Rear Panel	Reserved one D-Sub 9-pin opening and one 68-pin SCSI opening	
	Riser Card (9696070000)*	Supports up to three PCI add-on cards	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5-500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 55 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 480 mm (19" x 3.46" x 18.9")	
	Weight	13.5 kg (29.7 lb)	



The front view of ACP-2320MB

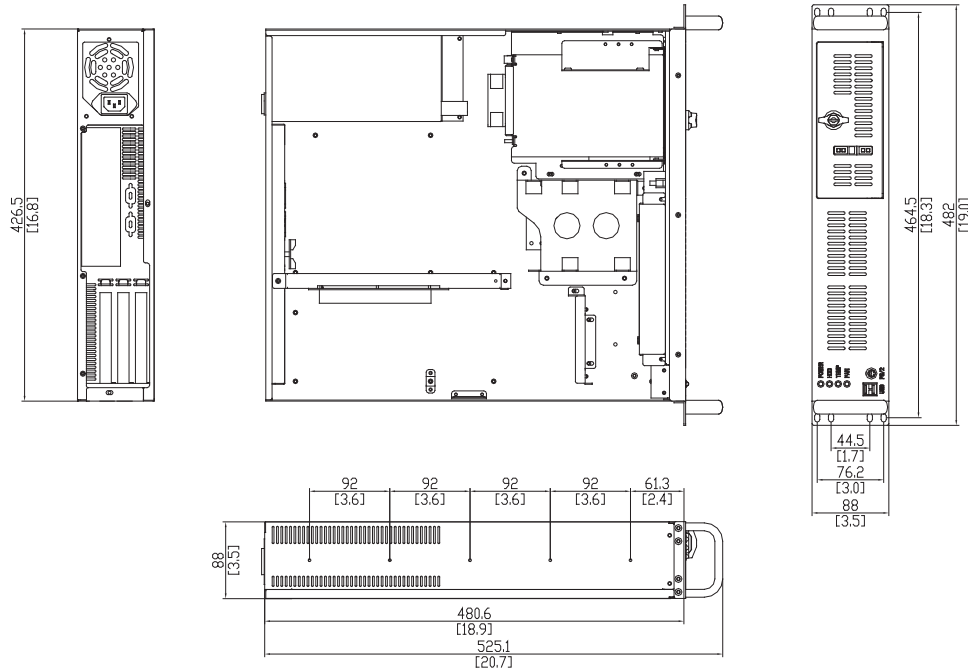


Dual easy-to-maintain
SATA HDD trays



The inside view of ACP-2320MB

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000105G (ATX, PFC)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 20 A +12 V @ 28 A, -12 V @ 0.5 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 2 A +3.3 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757000007G (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 20 A +12 V @ 16 A, -12 V @ 1 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 2 A -5 V @ 0.05 A, -12 V @ 0.05 A +3.3 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	97,800 hours @ 25° C

Ordering Information

Part Number	Power Supply	Motherboard/ Backplane	Regulation
ACP-2320MB0-00XE	-	-	-
ACP-2320MB0-30ZE	1757000007G	-	CE
ACP-2320MB0-40ZE	1757000105G	-	CE

Riser Card Options

Model Name	Interface	Expansion Slot	Motherboard
AIMB-R4301-03A1E	PCIe x4	three PCIe x1	AIMB-762/AIMB-554
AIMB-R430P-03A1E	PCIe x4	three PCI	AIMB-762/554
AIMB-RP30P-03A1E	PCI	three PCI	AIMB-750/744/742/740/560
AIMB-RH31P-12A1E	PCI+ PCIe x1	two PCI + one PCIe x1	AIMB-760

* The riser cards are specially designed to support all Advantech AIMB series motherboards except AIMB-562 & AIMB-542.
There might be compatibility issues with other vendor's motherboards, so an optional rear I/O bracket for low-profile add-on cards is provided.

Accessories

Part Number	Description
1700060202	Y-cable for PS/2 mouse and keyboard
1750000257	2U-high P4 Socket 478 CPU cooler up to 3.2 GHz (89 W)
1750000332	2U-high LGA775 P4 CPU cooler up to 3.8 GHz
1750000191	Fan 60 x 60 x 25 mm
1759200650	Fan 80 x 80 x 25 mm
SDVD-CDRWE	Black slim 8X DVD + 24X CD-RW with 40-pin IDE connector
SCD-ROME	Black slim 24X CD-ROM with 40-pin IDE connector
9680002285	Rear I/O bracket for 1025-profile add-on cards



The rear view of ACP-2320MB

ACP-2000/ IPC-602

2U 6-slot Rackmount Chassis with Front USB and PS/2 Interfaces



ACP-2000

Features

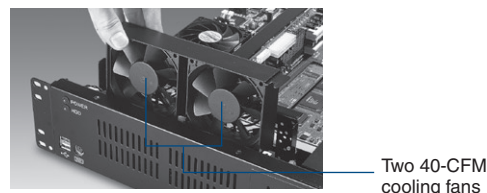
- 2U-high rackmount chassis supports up to 6 cards
- Butterfly backplane design
- Front-accessible USB and PS/2 connectors
- 250 W / 300 W AC ATX and DC power supply options
- Two 40-CFM cooling fans with air filter
- Recommended CPU cards for optimum integration
- Lockable front door prevents unauthorized access
- System alarm notification by front LED indicators (ACP-2000 only)

Specifications

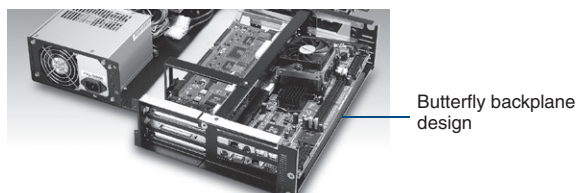
		Front-accessible	Internal
Drive Bay	Slim optical disk drive	1/-	
	3.5"	2/1	-/1
	5.25"	-/1	-
Cooling	Fan	2 (47 CFM each)/2 (40 CFM each)	
	Air Filter	Yes	
I/O Interface	USB	2 (front-accessible)	
	PS/2	PS/2 keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board	
Miscellaneous	Notification LEDs	Power status and HDD activity; Fan, Temperature for ACP-2000 only	
	Rear Panel	Reserved one 9-pin D-Sub opening	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	0.5 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 88 x 450 mm (19" x 3.5" x 17.7")	
	Weight	13.5 kg (29.7 lb)/13.0 kg (28.6 lb)	



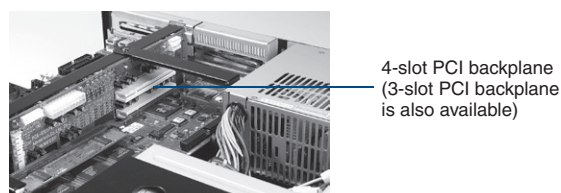
IPC-602 Front View



Two 40-CFM cooling fans



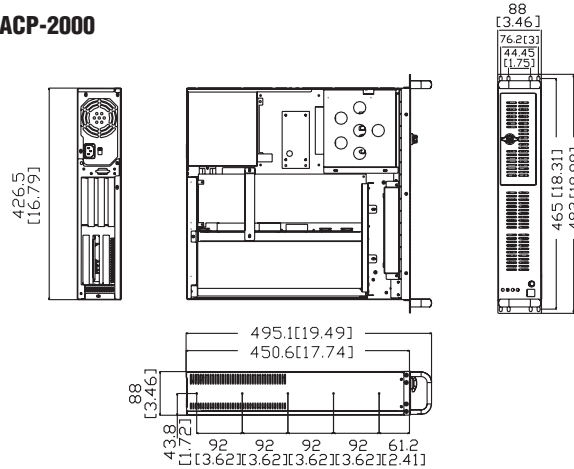
Butterfly backplane design



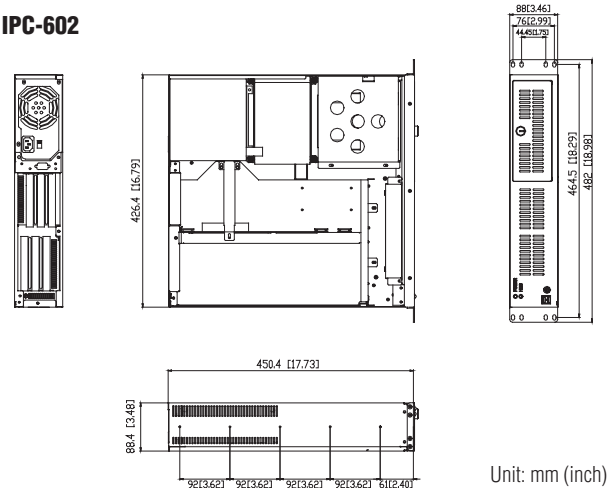
4-slot PCI backplane (3-slot PCI backplane is also available)

Dimensions

ACP-2000



IPC-602



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Specifications			
			Output	Mini-load	Safety	MTBF
PS-250ATX-ZE (ATX, PFC) (IPC-602 only)	250 W	AC 115/230 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/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 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 +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-400ATX-ZBE (ATX, PFC) (IPC-602 only)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 30 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A +12 V @ 1 A +3.3 V @ 1 A	UL/TUV/CB/CCC	91,000 hours @ 25° C
PS-300ATX-DC48E (ATX)	300 W	DC -48 V	+3.3 V @ 28 A, +5 V @ 30 A, +12 V @ 15 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 hours @ 25° C
RPS-300ATX-ZE (ATX, PFC) (ACP-2000 only)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 18 A +12 V @ 16 A, -12 V @ 1.5 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A +3.3 V @ 1 A +12 V @ 2 A +5Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

Part Number	Description
1701400652	HDD cable, ATA 66/100, 45 cm + 20 cm
1750000257	2U-high P4 Socket 478 CPU cooler up to 3.2 GHz (89 W)
1750000432	Low profile P4 CPU cooler up to 2.8 GHz (0.13 micron 70 W)
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM
96FDD-144-TE-B1	Black 3.5" FDD
SCD-COMBOE	Black 5.25" compact storage kit with slim 24X CD-ROM and a 3.5" drive bay for FDD or HDD
SDVD-COMBOE	Black 5.25" compact storage kit with slim 8X DVD + 24X CD-RW and a 3.5" drive bay for HDD/FDD
SCD-FDD-COMBOE	Black 5.25" storage kit with slim 24X CD-ROM and standard 3.5" black FDD
SDVD-FDD-COMBOE	Black 5.25" storage kit with slim 8X DVD + 24X CD-RW and standard 3.5" FDD

Ordering Information

Part Number	Power Supply	Backplane	Regulation
PICMG 1.0			
ACP-2000P3-00XE	Without power supply, with ATX switch	969K610621E (PCA-6106P3V)	-
ACP-2000P3-30ZE	PS-300ATX-ZBE	969K610621E (PCA-6106P3V)	CE
ACP-2000P3-30RE	RPS-300ATX-ZE	969K610621E (PCA-6106P3V)	CE
ACP-2000P4-00XE	Without power supply, with ATX switch	969K610510E (PCA-6105P4V)	-
ACP-2000P4-30ZE	PS-300ATX-ZBE	969K610510E (PCA-6105P4V)	CE
ACP-2000P4-30RE	RPS-300ATX-ZE	969K610510E (PCA-6105P4V)	CE
ACP-2000X3-00XE	Without power supply with ATX switch	9692610691E (PCA-6106P3VX)	-
IPC-602P3-00XBE	Without power supply, with ATX switch	969K610621E (PCA-6106P3V)	-
IPC-602P3-25ZBE	PS-250ATX-ZE	969K610621E (PCA-6106P3V)	CE
IPC-602P3-30ZBE	PS-300ATX-ZBE	969K610621E (PCA-6106P3V)	CE
IPC-602P4-00XBE	Without power supply, with ATX switch	969K610510E (PCA-6105P4V)	-
IPC-602P4-25ZBE	PS-250ATX-ZE	969K610510E (PCA-6105P4V)	CE
IPC-602P4-30ZBE	PS-300ATX-ZBE	969K610510E (PCA-6105P4V)	CE
PICMG 1.3			
ACP-2000EBP-00XE	Without power supply, with ATX switch	-	-
ACP-2000EBP-30ZE	PS-300ATX-ZBE	-	CE

IPC-603MB

2U 3-slot Rackmount Chassis for ATX/MicroATX Motherboard with Front I/O

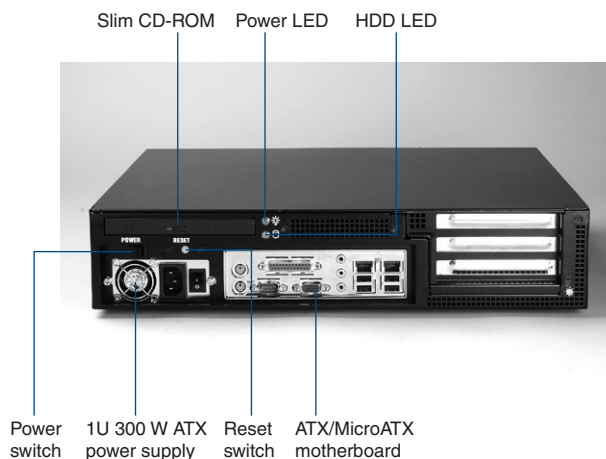


Features

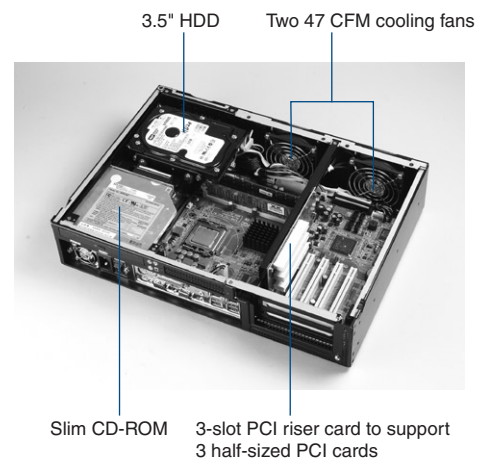
- The best embedded computing system for machinery applications
- Streamlined in-chassis airflow design supporting LGA775 Pentium® 4 CPU up to 3.8 GHz with suggested CPU cooler
- All I/O interfaces are in the front
- Shock resistant disk drive bay design to hold one slim CD-ROM and one internal 3.5" HDD
- Equipped with 1U-high 300 W ATX PFC power supply
- Easy-to-replace air filters

Specifications

		Front-accessible	Internal
Drive Bay	Slim CD-ROM	1	-
	3.5"	-	1
Cooling	Fan	2 (47 CFM each)	
	Air Filters	3 (85 x 80 mm)	
Miscellaneous	Notification LEDs	PWR & HDD (internal)	
	Riser Card (9696070000)*	Supports up to three half-sized PCI add-in cards	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85% @ 40° C, non-condensing	10 ~ 95% @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 310 mm (19" x 3.46" x 12.2")	
	Weight	8 kg (17.6 lb)	

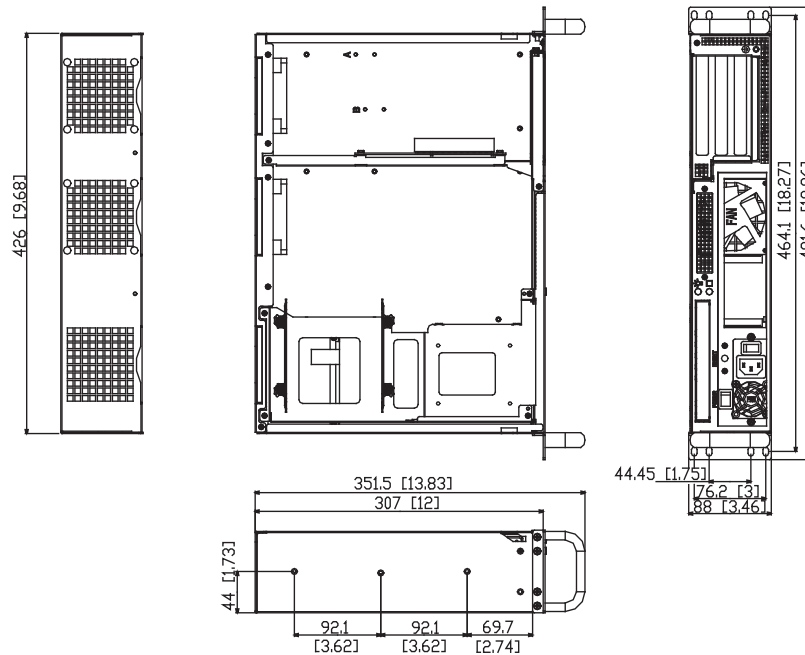


The front view of IPC-603MB



The inside view of IPC-603MB

Dimensions



Unit: mm (inch)

Power supply

Part Number				Specifications		
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000160G (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 14 A +12 V @ 16 A, -12 V @ 1 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 2 A -5 V @ 0.05 A, -12 V @ 0.05 A +3.3 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

Part Number	Description
96SCOM-24X8X-TE-B1	Black slim 24X/8X/24X DVD-RW-ROM
96SCD-24X-I-OD-B	Black slim 24X CD-ROM
1750000257	2U-high Socket 478 P4 CPU cooler up to 3.2 GHz (89 W)
1750000332	2U-high LGA775 P4 CPU cooler up to 3.8 GHz
1759200650	Fan 80 x 80 x 25 mm
1990001176	Fan filter 80 x 85 x 5 mm

Ordering Information

Part Number	Power Supply	Motherboard	Regulation
IPC-603MB0-30ZE	1757000160G	-	CE

Riser Card Options

Model Name	Interface	Expansion Slot	Motherboard
AIMB-R430P-03A1E	PCIe x4	three PCI	AIMB-762/554
AIMB-RP30P-03A1E	PCI	three PCI	AIMB-750/744/742/740/560
AIMB-RH31P-12A1E	PCI+ PCIe x1	two PCI + one PCIe x1	AIMB-760

* The riser cards are specially designed to support all Advantech AIMB series motherboards except AIMB-562 & AIMB-542.

ACP-4362/4360

4U Rackmount Chassis with 6 Hot-swap SATA Trays for RAID

NEW

PICMG 1.0

PICMG 1.3



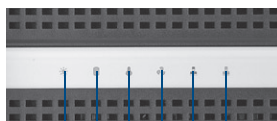
Features

- Supports up to six SATA HDDs, which can be hot-swappable if a SATA RAID card is used
- Supports either an ATX motherboard or a backplane up to 15 slots
- Supports one slim CD-ROM and one 3.5" FDD or internal HDD
- LED indicators for LAN connectivity and alarm notification for redundant power supply, HDD activity, system fan & in-chassis temperature
- Reusable, front-accessible filters for easy maintenance
- Two alternative series: the standard ACP-4360 features better flexibility for RAID cards; the deluxe ACP-4362 provides complete RAID solutions with two optional RAID cards

Specifications

Drive Bay		Front-accessible	
	Slim CD-ROM	1	
	3.5"	6 SATA HDDs + 1	
Cooling	Fans	One 114 CFM and two 47 CFM	
	Air Filters	Yes	
I/O Interfaces	USB	2 (front-accessible)	
Miscellaneous	Notification LEDs	System: PWR, HDD (for IDE drives only), Fan, Temperature, LAN1 and LAN2 * Six SATA HDD trays: HDD power on/off and activity	
	Rear Panel	BP version: One D-Sub 9-pin opening MB version: Five D-Sub 9-pin and one 68-pin SCSI openings	
	Slide Rails	General Devices (http://www.generaldevices.com) C-300 series supported (not included)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 56 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 500 mm (19" x 7" x 19.7")	
	Weight	19.0 kg (41.8 lb)	

* If a third party RAID card is used, SATA HDD hot swappability may be supported, but no HDD failure and data rebuild indication is available.



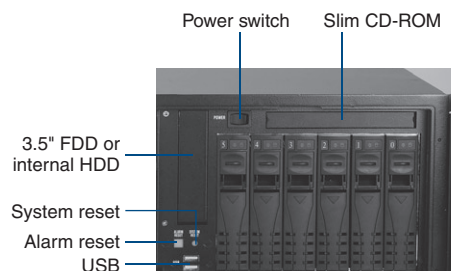
PWR Temp. LAN1
HDD FAN LAN2



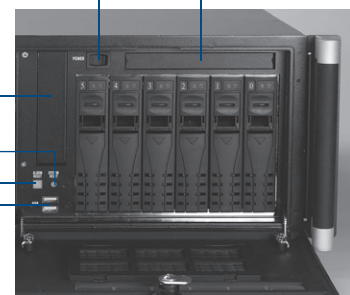
Rear view of ACP-4362MB



Easy-to-maintain system fan

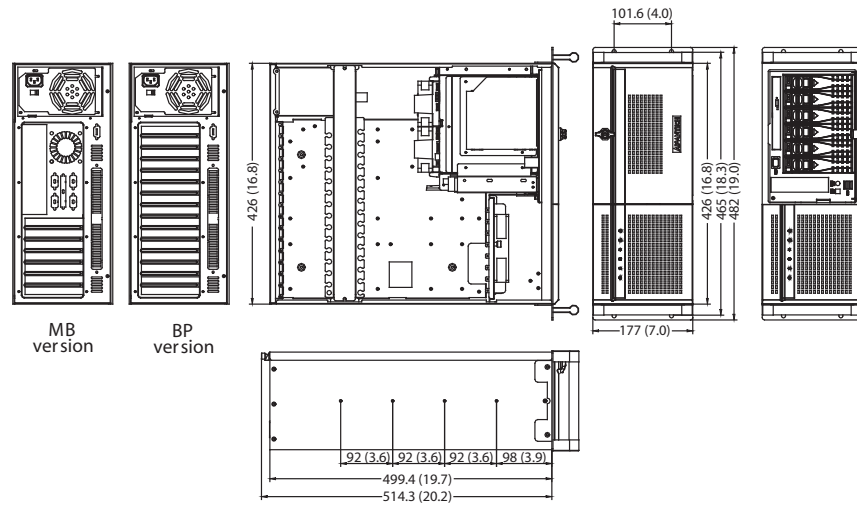


3.5" FDD or
internal HDD
System reset
Alarm reset
USB



Six hot-swap SATA HDD trays

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications Mini-load	Safety	MTBF
PS-400ATX-ZBE (ATX, PFC)	400 W	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 @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	91,000 hrs @ 25° C
PS-500ATX-ZE (ATX, PFC)	500 W	AC 100 ~ 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, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	98,000 hrs @ 25° C
PS-700ATX-ZE (ATX, PFC)	700 W	AC 100 ~ 240 V (full-range)	+5 V @ 50 A, +3.3 V @ 45 A +12 V @ 36 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/cUL/TUV/CB/CCC	72,000 hrs @ 25° C
RPS-400ATX-ZE (ATX, PFC)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 28 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/cUL/TUV/CB/CCC	100,000 hrs @ 25° C

Recommended Configurations

CPU Card and Supported Backplane	Chassis and P/S	SATA RAID Card
PCE-7210 (PICMG 1.3 Dual Xeon SHB) and PCE-7B13-64A1E (backplane with 1 SHB, 2 PCIe x8, 6 PCI-X, and 4 PCI slots)	ACP-4362BP-00XE with PS-700ATX-ZE	9680001857 9680001858
PCE-5120 (PICMG 1.3 LGA775 Pentium SHB) and PCE-5B12-64A1E (backplane with 1 SHB, 1 PCIe x16, 6 PCI-X, 4 PCI slots)	ACP-4362BP-40ZE ACP-4362BP-50ZE ACP-4362BP-40RE	9680001857 9680001858
AIMB-762 (LGA775 Pentium ATX motherboard)	ACP-4362MB-40ZE ACP-4362MB-50ZE ACP-4362MB-40RE	9680001858 (PCIe 8-port SATA RAID card)
AIMB-744 (Socket 478 Pentium ATX motherboard)	ACP-4362MB-40ZE ACP-4362MB-50ZE ACP-4362MB-40RE	9680001857 (PCI-X 8-port SATA RAID card)

ACP-4360 supports all Advantech ATX/microATX motherboards and most 14/15-slot passive backplanes. For more information about backplane options, please refer to Advantech's backplane selection guide.

Accessories

Part Number	Description
9680001857	PCI-X eight-port SATA RAID card
9680001858	PCIe x8 eight-port SATA RAID card
96FDD-144-TE-B	Black 3.5" FDD
96SCD-24X-I-OD-B	Black slim 24X CD-ROM
96SCOM-24X8X-TE-B1	Black slim 24X/8X/24X DVDRW-ROM

Ordering Information

Part Number	Power Supply	Motherboard/ Backplane	Regulation
MB Version			
ACP-4362MB-00XE	Without power supply, with ATX switch	-	-
ACP-4362MB-40ZE	PS-400ATX-ZBE	-	CE
ACP-4362MB-50ZE	PS-500ATX-ZE	-	CE
ACP-4362MB-40RE	RPS-400ATX-ZE	-	CE
BP Version			
ACP-4360BP-00XE	Without power supply, with ATX switch	-	-
ACP-4360BP-40ZE	PS-400ATX-ZE	-	CE
ACP-4360BP-50ZE	PS-500ATX-ZE	-	CE
ACP-4360BP-40RE	RPS-400ATX-ZE	-	CE
ACP-4360BP-00XE	Without power supply, with ATX switch	-	-
ACP-4360BP-40ZE	PS-400ATX-ZE	-	CE

ACP-4010

4U 15-slot Rackmount Chassis with Dual System Support

NEW

PICMG 1.0

PICMG 1.3



Features

- Supports up to 15 add-on cards
- Supports one or two systems in a single chassis
- Supports two 5.25" and two 3.5" disk drives (one front-accessible and one internal)
- LED indicators and alarm notification for system fault detection and network connection
- Lockable front door prevents from unauthorized access

Specifications

Drive Bay	5.25"	Front-accessible	
	3.5"	2 (int. x 1 + ext. x 1)	
Cooling	Fan	2 (85 CFM each)	
	Air Filter	Yes	
I/O Interface	USB	4 (front-accessible)	
	9-pin D-Sub	Two 9-pin D-Sub openings reserved	
Miscellaneous	Notification LEDs	PWR, HDD, Temperature, Fan, LAN1, and LAN2 status	
	Rear Panel	BP version: One 9-pin D-Sub opening MB version: Five 9-pin D-Sub and one 68-pin SCSI openings	
	Slide Rails	General Devices (http://www.generaldevices.com/) C-300 series supported (not included)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5-500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical	Dimensions (W x H x D)	482 x 177 x 480 mm (19" x 7.0" x 18.9")	
	Weight	18.5 kg (40.7 lb)	

Two reset buttons for dual systems

Two 3.5" drive bays (int. x 1 & ext. x 1)

Easy-to-maintain dual fans



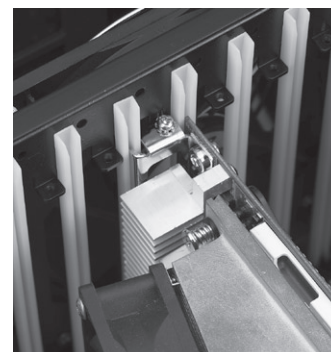
Two 9-pin D-Sub openings reserved

Four USB ports

Two 5.25" drive bays

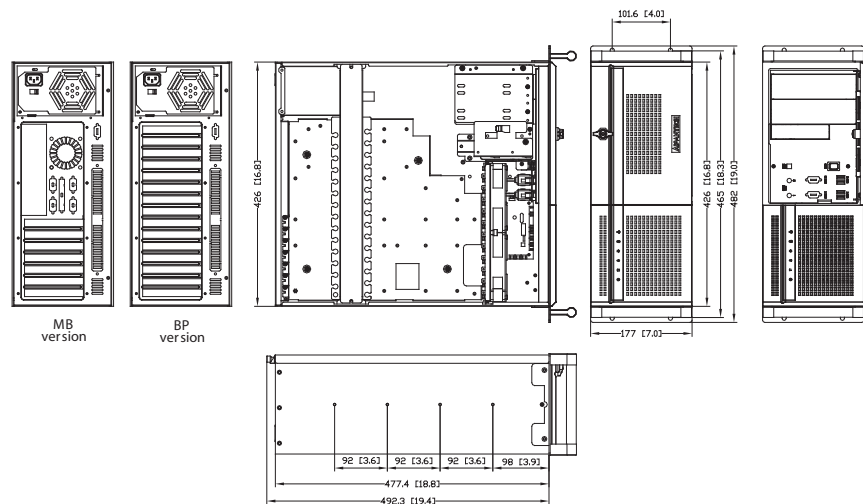


Inside View



Enhanced anti-vibration mechanical design for full-length CPU card

Dimensions



Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 V (full range)	+5 V @ 30 A, +3.3 V @ 28 A, +12 V @ 15 A, -5 V @ 0.3 A, -12 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	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 @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
PS-500ATX-ZE (ATX, PFC)	500 W	AC 100 ~ 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, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	98,000 hrs @ 25° C
RPS-300ATX-ZE (ATX, PFC)	300 W	AC 100 ~ 240 V (full range)	+5 V @ 25 A, +3.3 V @ 18 A, +12 V @ 16 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/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
RPS-400ATX-ZE (ATX, PFC)	400 W	AC 100 ~ 240 V (full range)	+5 V @ 35 A, +3.3 V @ 25 A, +12 V @ 28 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/cUL/TUV/CB/CCC	100,000 hrs @ 25° C

Ordering Information

Model Name	Power Supply	Motherboard/Backplane	Regulation
BP Version			
ACP-4010BP-00XE	Without power supply, with ATX switch	-	-
ACP-4010BP-30ZE	PS-300ATX-ZBE	-	CE
ACP-4010BP-40ZE	PS-400ATX-ZBE	-	CE
ACP-4010BP-30RE	RPS-300ATX-ZE	-	CE
MB Version			
ACP-4010MB-00XE	Without power supply, with ATX switch	-	-
ACP-4010MB-30ZE	PS-300ATX-ZBE	-	CE
ACP-4010MB-40ZE	PS-400ATX-ZBE	-	CE
ACP-4010MB-30RE	RPS-300ATX-Z	-	CE

Accessories

Part Number	Descriptions
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM
96FDD-144-TE-B	Black 3.5" FDD
1990001299	Fan filter
1990001298	Door filter
96624K0000E	System cooling fan 120 x 120 x 25 mm

ACP-4320

4U Rackmount Chassis with Front-accessible SATA HDD Trays for Easy Maintenance

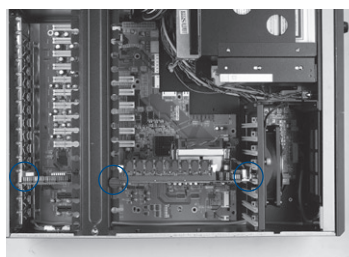
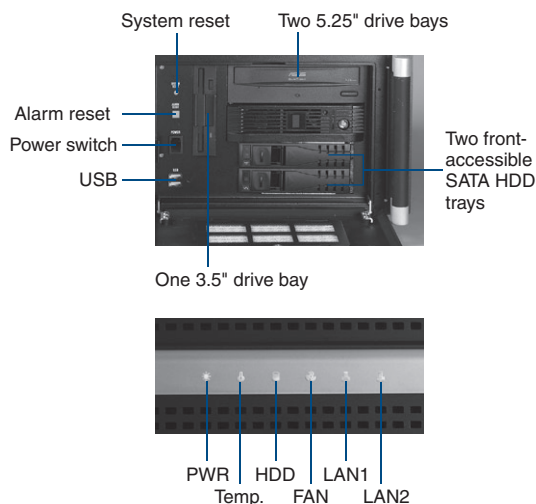


Features

- New generation 4U IPC chassis with latest industrial design
- Dual front-accessible and easy-to-maintain SATA HDD trays for data mirroring applications
- Shock-resistant drive bay design supports up to two 5.25" and one 3.5" disk drives
- Front indicators for LAN connectivity and alarm notification of redundant power supply, HDD activity, system fan & in-chassis temperature
- Reusable, front-accessible fan filters for easy system maintenance
- Supports front USB interface
- Lockable front door prevents unauthorized access
- Versatile power supply options from single PS/2 300 W / 400 W to redundant 300 W / 400 W power supply

Specifications

Drive Bay	5.25"	Front-accessible
	3.5"	2
Cooling	Fan	1 x 114 CFM, 1 x 28 CFM
	Air Filters	Yes
I/O Interface	USB	2 (front-accessible)
	Notification LEDs	PWR, HDD, Fan, Temperature, LAN1 and LAN2
Miscellaneous	Rear Panel	BP version: One D-Sub 9-pin opening MB version: Five D-Sub 9-pin & one 68-pin SCSI openings
	Slide Rails	General Devices (http://www.generaldevices.com) C-300 series supported (not included)
Environment	Operating Temperature	0 ~ 40° C (32 ~ 104° F)
	Non-Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing
	Non-Operating Humidity	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms
	Shock	10 G (with 11 ms duration, half sine wave)
	Acoustic Noise	Less than 54 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)
	Dimensions (W x H x D)	482 x 177 x 478 mm (19" x 7" x 18.8")
	Weight	18.0 kg (39.6 lb)



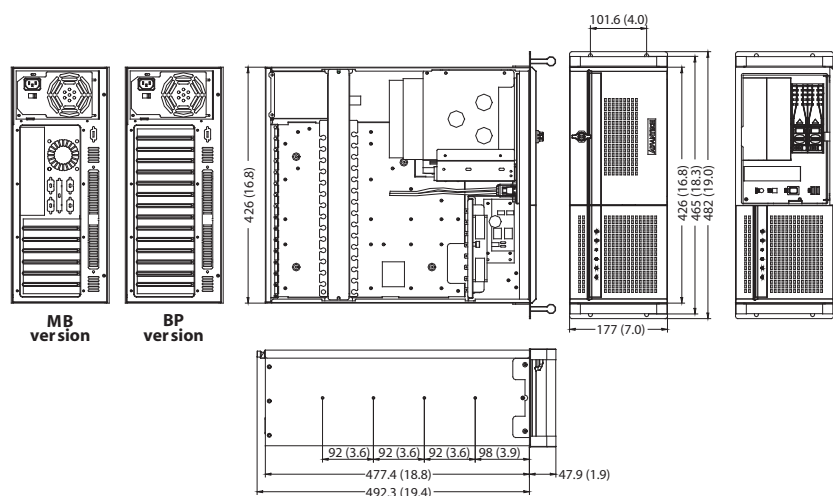
Enhanced anti-vibration mechanical design for full-sized CPU card

Easy-to-replace system fan design



Reusable and easy-to-maintain fan filters

Dimensions



Unit: mm (inch)

Power supply

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 30 A, +3.3 V @ 28 A, +12 V @ 15 A, -5 V @ 0.3 A, -12 V @ 0.3 A, +5 Vsb @ 2 A	+5 V @ 0.1 A, +3.3 V @ 0.3 A	UL/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	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 @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
RPS-300ATX-ZE (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 18 A +12 V @ 16 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/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
RPS-400ATX-ZE (ATX, PFC)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 28 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/cUL/TUV/CB/CCC	100,000 hrs @ 25° C

Accessories

Part Number	Descriptions
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM
96FDD-144-TE-B	Black 3.5" FDD
1990001299	Fan filter
1990001298	Door filter
96624K0000E	System cooling fan 120 x 120 x 25 mm

Ordering Information

Part Number	Power Supply	Motherboard/ Backplane	Regulation
MB Version			
ACP-4320MB-00XE	Without power supply, with ATX switch	-	-
ACP-4320MB-30ZE	PS-300ATX-ZBE	-	CE
ACP-4320MB-40ZE	PS-400ATX-ZBE	-	CE
ACP-4320MB-30RE	RPS-300ATX-ZE	-	CE
BP Version			
ACP-4320BP-00XE	Without power supply, with ATX switch	-	-
ACP-4320BP-30ZE	PS-300ATX-ZBE	-	CE
ACP-4320BP-40ZE	PS-400ATX-ZBE	-	CE
ACP-4320BP-30RE	RPS-300ATX-ZE	-	CE



Rear view of ACP-4320BP-30RE



Rear view of ACP-4320MB

ACP-4000

4U Rackmount Chassis with Visible & Audible Alarm Notification

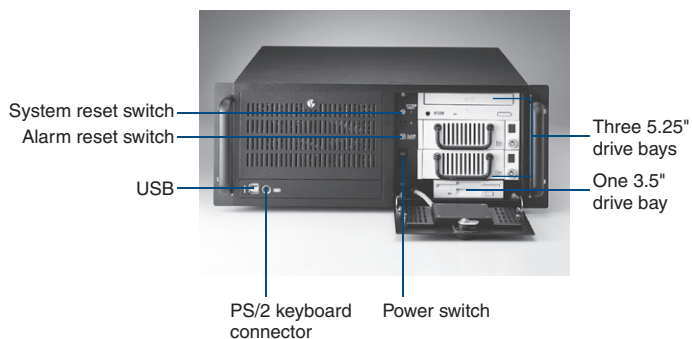


Features

- 4U rackmount chassis supports up to 14 cards
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Front accessible USB & PS/2 interfaces for easy data transfer
- Dual front-accessible filtered cooling fans provide optimized and streamlined airflow
- Front LEDs indicate system health, such as power status, fan operation, in chassis temperature and HDD activity
- Lockable front door prevents unauthorized access
- Supports 300 W single PS/2 and redundant ATX power supplies

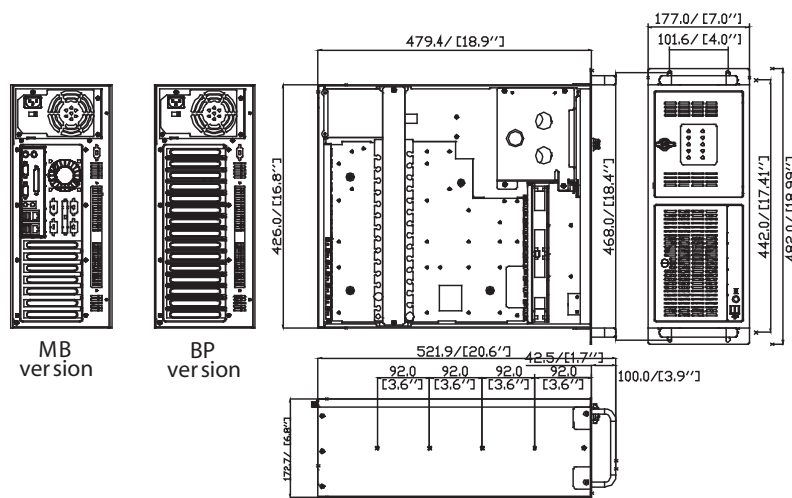
Specifications

Drive Bay	3.5"	Front-accessible	1
	5.25"		3
Cooling	Fan		2 (85 CFM each)
	Air Filter		Yes
I/O Interface	USB		2 (front-accessible)
	PS/2		PS/2 keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board/motherboard
Miscellaneous	Slide Rail	General Devices (http://www.generaldevices.com/) C-300 series supported (not included)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 177 x 480 mm (19" x 7" x 18.9")	
	Weight	18 kg (39.6 lb)	



Dimensions

BP & MB version



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 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 +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 30 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A +12 V @ 1 A +3.3 V @ 1 A	UL/TUV/CB/CCC	91,000 hours @ 25° C
RPS-300ATX-ZE (ATX, PFC)	300 W	AC 100 ~ 240 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/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-DC48E (ATX)	300 W	DC -48 V	+3.3 V @ 28 A, +5 V @ 30 A, +12 V @ 15 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 hours @ 25° C

Accessories

Part Number	Description
19914K0010	Door filter 97.6 x 36.6 x 5 mm
1999615000	Fan filter 115 x 195 x 5 mm
96FDD-144-TE-B1	Black 3.5" FDD
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM

Ordering Information

Part Number	Power Supply	Motherboard/Backplane	Regulation
BP version			
ACP-4000BP-00XE	Without power supply, with ATX switch	-	-
ACP-4000BP-30ZE	PS-300ATX-ZBE	-	CE
ACP-4000BP-40ZE	PS-400ATX-ZBE	-	CE
ACP-4000BP-30RE	RPS-300ATX-ZE	-	CE
MB version			
ACP-4000MB-00ZE	Without power supply, with ATX switch	-	-
ACP-4000MB-30ZE	PS-300ATX-ZBE	-	CE
ACP-4000MB-30RE	RPS-300ATX-ZE	-	CE
ACP-4000MB-40ZE	PS-400ATX-ZBE	-	CE

IPC-630

4U Rackmount Chassis for General Purpose Industrial Applications

NEW

PICMG 1.0

PICMG 1.3

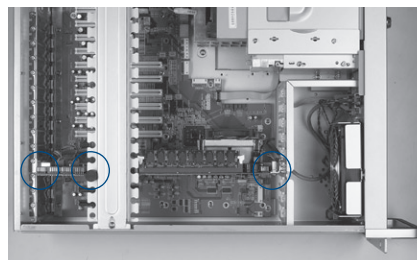
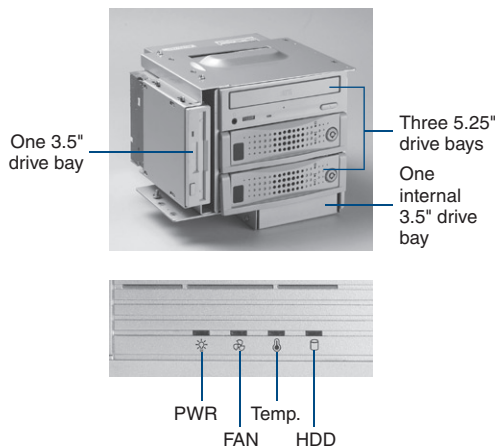


Features

- New generation 4U IPC chassis with world-class industrial design
- Supports either an ATX motherboard or a backplane up to 15 slots
- Shock-resistant drive bay design supports up to three 5.25" and two 3.5" (one external & one internal) disk drives
- Front indicators for alarm notification of redundant power supply, HDD activity, system fan & in-chassis temperature
- Reusable, front-accessible fan filters for easy system maintenance
- Supports front USB interface
- Lockable front door prevents unauthorized access
- Versatile power supply options from single PS/2 300 W / 400 W to redundant 300 W / 400 W power supplies

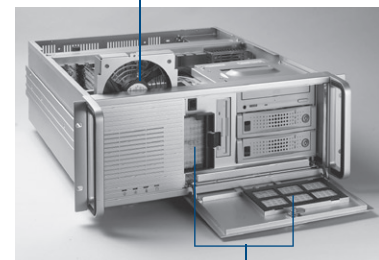
Specifications

		Front-accessible	Internal
	Drive Bay		
	5.25"	3	
	3.5"	1	1
Cooling	Fan	1 x 114 CFM	
	Air Filters	Yes	
I/O Interface	USB	2 (front-accessible)	
Miscellaneous	Notification LEDs	PWR, HDD, Fan & Temperature	
	Rear Panel	BP version: One D-Sub 9-pin opening MB version: Five D-Sub 9-pin & one 68-pin SCSI openings	
	Slide Rails	General Devices (http://www.generaldevices.com) C-300 series supported (not included)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	IPC-630BP: 482 x 177 x 447 mm (19" x 7" x 17.6") IPC-630MB: 482 x 177 x 497 mm (19" x 7" x 19.6")	
	Weight	18.0 kg (39.6 lb)	



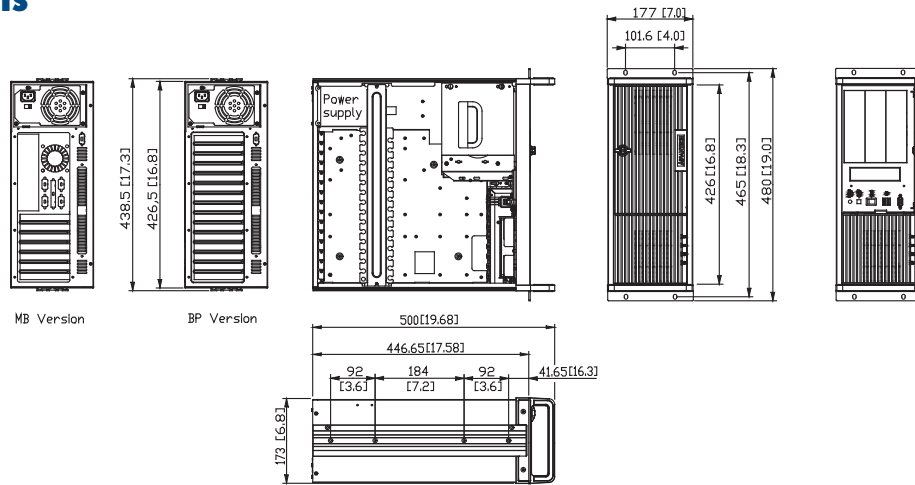
Enhanced anti-vibration mechanical design for PICMG 1.3 full-sized CPU card

Easy-to-replace system fan design



Reusable and easy-to-maintain fan filters

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications	Safety	MTBF
				Mini-load		
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 30 A, +3.3 V @ 28 A, +12 V @ 15 A, -5 V @ 0.3 A, -12 V @ 0.3 A, +5 Vsb @ 2 A	+5 V @ 0.1 A, +3.3 V @ 0.3 A	UL/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	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 @ 1 A, +5 Vsb @ 0.1 A	UL/cUL/TUV/CB/CCC	91,000 hrs @ 25° C
RPS-300ATX-ZE (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 18 A, +12 V @ 16 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/cUL/TUV/CB/CCC	100,000 hrs @ 25° C
RPS-400ATX-ZE (ATX, PFC)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A, +12 V @ 28 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/cUL/TUV/CB/CCC	100,000 hrs @ 25° C

Ordering Information

Part Number	Power Supply	Motherboard/Backplane	Regulation
MB version			
IPC-630MB-00XE	Without power supply, with ATX switch	-	-
IPC-630MB-30ZE	PS-300ATX-ZBE	-	CE
IPC-630MB-40ZE	PS-400ATX-ZBE	-	CE
IPC-630MB-30RE	RPS-300ATX-ZE	-	CE
BP version			
IPC-630BP-00XE	Without power supply, with ATX switch	-	-
IPC-630BP-30ZE	PS-300ATX-ZBE	-	CE
IPC-630BP-40ZE	PS-400ATX-ZBE	-	CE
IPC-630BP-30RE	RPS-300ATX-ZE	-	CE

IPC-610-F

4U 14-slot Rackmount Chassis with ATX Motherboard Option

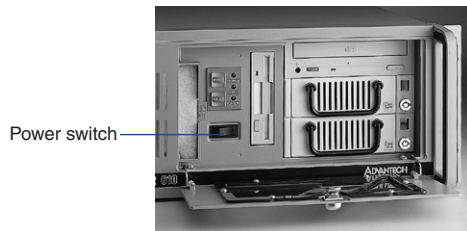


Features

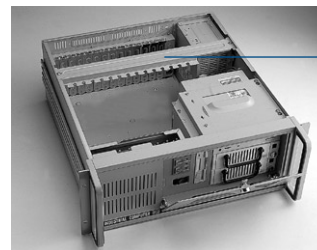
- 4U rackmount chassis supports up to 14 cards
- Shock-resistant disk drive bay design holds up to three 5.25" and two 3.5" (one external & one internal) disk drives
- Special hold-down clamp design with rubber cushions protects the cards from harsh environments and any unexpected shocks
- Power and HDD activity notification improves system availability
- User-friendly and front-accessible filter for system maintenance
- Lockable front door prevents unauthorized access
- 300 W / 400 W AC and 300 W DC ATX power supply options

Specifications

		Front-accessible	Internal
Drive Bay	3.5"	1	1
	5.25"	3	-
Cooling	Fan	1 (85 CFM)	
	Air Filter	Yes	
Miscellaneous	Hold-down Clamp	Hold-down clamp with rubber cushions	
Environment	Temperature	0 ~ 40° C (32 ~ 104° F), operating	
Physical Characteristics	Dimensions (W x H x D)	IPC-610BP: 482 x 177 x 452 mm (19" x 7" x 17.8") IPC-610MB: 482 x 177 x 502 mm (19" x 7" x 19.76")	
	Weight	18.0 kg (39.6 lb)	



Power switch



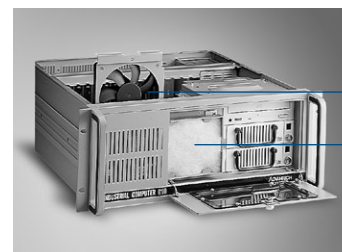
Hold-down clamp



One 3.5" drive bay

Three 5.25" drive bays

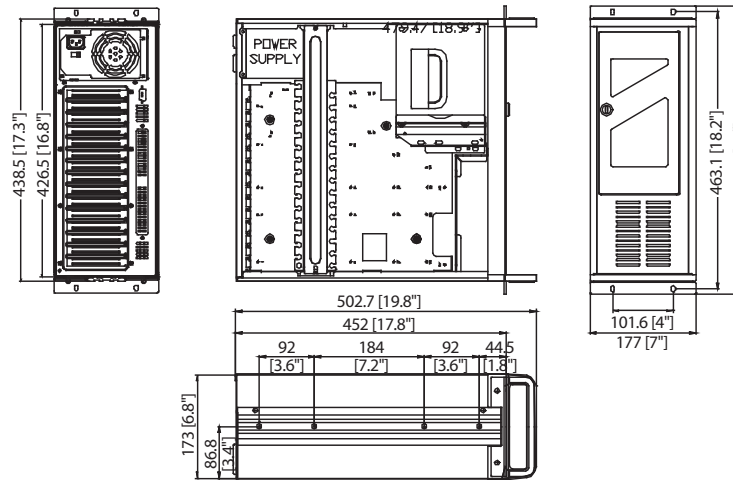
One internal 3.5" drive bay



One 85-CFM hot-swap cooling fan

Easy-to-replace fan filter

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-ZE (ATX, PFC)	250 W	AC 115/230 V (selectable)	+5V @ 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 @ 0.5 A, +12 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 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, +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 30 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 1 A +3.3 V @ 1 A	UL/TUV/CB/CCC	91,000 hours @ 25° C
PS-300ATX-DC48E (ATX)	300 W	DC -48 V	+3.3 V @ 28 A, +5 V @ 30 A +12 V @ 15 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 hours @ 25° C
RPS-300ATX-ZE	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 18 A +12 V @ 16 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	UL/TUV/CB/CCC	100,000 hours @ 25° C

Ordering Information

Part Number	Power Supply	Motherboard/ Backplane	Regulation
IPC-610BP-00XFE	Without power supply, with ATX switch	-	-
IPC-610BP-30ZFE	PS-300ATX-ZBE	-	CE
IPC-610BP-40ZFE	PS-400ATX-ZBE	-	CE
IPC-610MB-00XFE	Without power supply, with ATX switch	-	-
IPC-610MB-30ZFE	PS-300ATX-ZBE	-	CE
Black Color Chassis Options			
IPC-610BP-00XFBE	-	-	-
IPC-610BP-30ZFBF	PS-300ATX-ZBE	-	CE
IPC-610MB-00XFBE	-	-	-
IPC-610MB-30ZFBF	PS-300ATX-ZBE	-	CE

IPC-610-H/L

4U 14-slot Rackmount Chassis with Front-accessible USB/PS2 Connectors



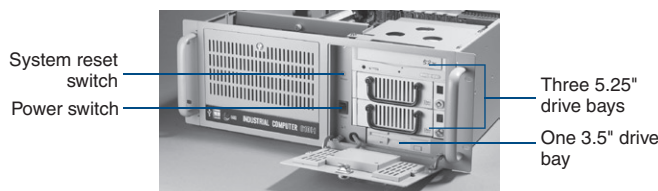
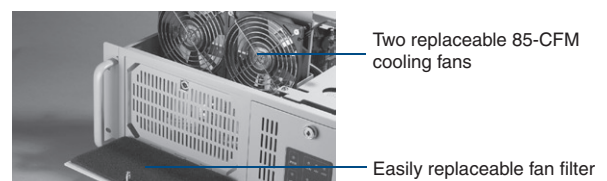
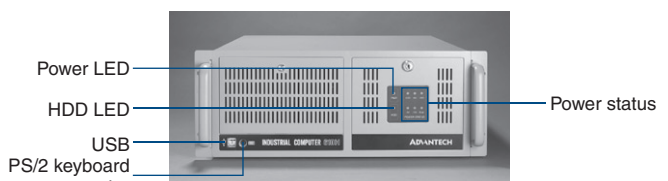
Features

- 4U rackmount chassis supports up to 14 cards
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Front accessible USB & PS/2 interfaces for easy data transferring
- Dual front-accessible filtered cooling fans provide optimal, streamlined airflow
- Special hold-down clamp design with rubber cushions protects the cards from harsh environments and any unexpected shocks
- Visible power status and HDD activity notification improves system availability
- User-friendly and front-accessible filter for easy system maintenance
- Flexible mechanical design supports both single PS/2 and redundant ATX power supply

Specifications

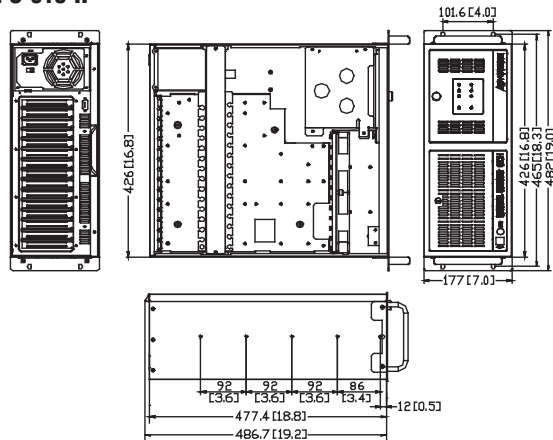
Drive Bay		Front-accessible	
	3.5"	1	
	5.25"	3	
Cooling	Fan	2 (85 CFM each)/1 (85 CFM each)	
	Air Filter	Yes	
I/O Interface	USB	2/-	
	PS/2	PS/2 keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU card/ motherboard (IPC-610-H only)	
Miscellaneous	Slide Rail	General Devices (http://www.generaldevices.com/) C-300 series supported (not included)	
	Indicators	Power & HDD activity	
	Rear Panel	D-Sub 9-pin and 25-pin openings	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, 1/2 sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 478 mm (19" x 7" x 18.8")	
	Weight	17.0 ka (37.4 lb)/16.5 ka (36.3 lb)	

IPC-610-H

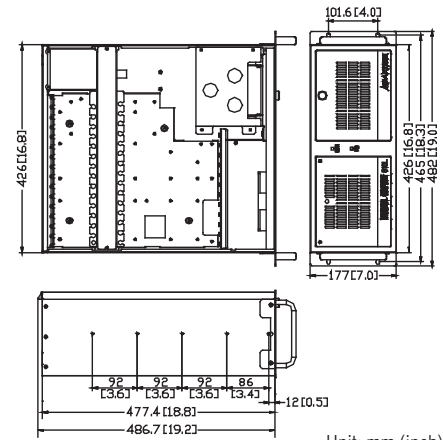


Dimensions

IPC-610-H



IPC-610-L



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
PS-250ATX-ZE (ATX, PFC)	250 W	AC 115/230 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 @ 0.5 A, +12 V @ 1 A +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 30 A, +3.3 V @ 28 A +12 V @ 15 A, -12 V @ 0.3 A -5 V @ 0.3 A, +5 Vsb @ 2 A	+5 V @ 0.1 A, +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
RPS-300ATX-ZE (ATX, PFC) (IPC-610-H only)	300 W	AC 100 ~ 240 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	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-400ATX-ZBE (ATX, PFC) (IPC-610-H only)	400 W	AC 100 ~ 240V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 30 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 1 A +3.3 V @ 1 A	UL/TUV/CB/CCC	91,000hours @ 25° C
RPS-400ATX-ZE (ATX, PFC) (IPC-610-H only)	400 W	AC 100 ~ 240 V (full-range)	+5 V @ 35 A, +3.3 V @ 25 A +12 V @ 28 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/cUL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-DC48E (IPC-610-H only)	300 W	DC -48 V	+3.3 V @ 28 A, +5 V @ 30 A +12 V @ 15 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

Accessories

Part Number	Description
19914K0010	Door filter 97.6 x 36.6 x 5 mm
1999615000	Fan filter 115 x 195 x 5 mm



IPC-610-L

Ordering Information

Part Number	Power Supply	Motherboard/Backplane	Regulation
BP version			
IPC-610BP-00XHE	Without power supply, with ATX switch	-	-
IPC-610BP-25ZHE	PS-250ATX-ZE	-	CE
IPC-610BP-30ZHE	PS-300ATX-ZBE	-	CE
IPC-610BP-30RHE	RPS-300ATX-ZE	-	CE
IPC-610BP-40ZHE	PS-400ATX-ZBE	-	CE
MB version			
IPC-610MB-00XHE	Without power supply with ATX switch	-	-
IPC-610MB-30ZHE	PS-300ATX-ZBE	-	CE
IPC-610MB-30RHE	RPS-300ATX-ZE	-	CE
IPC-610MB-00XLE	Without power supply, with ATX switch	-	-
IPC-610MB-25ZLE	PS-250ATX-ZE	-	CE
IPC-610MB-30ZLE	PS-300ATX-ZBE	-	CE

IPC-611

4U 14-slot Rackmount Chassis with Front-accessible Fan

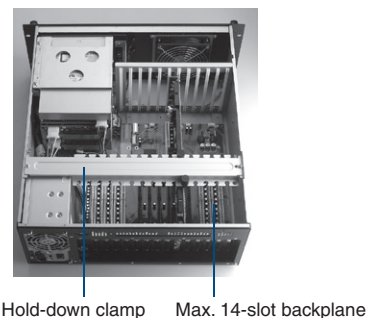
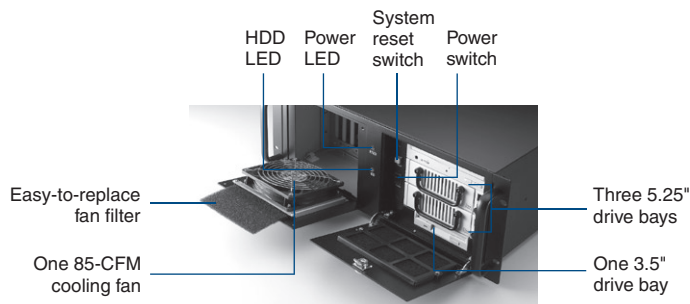


Features

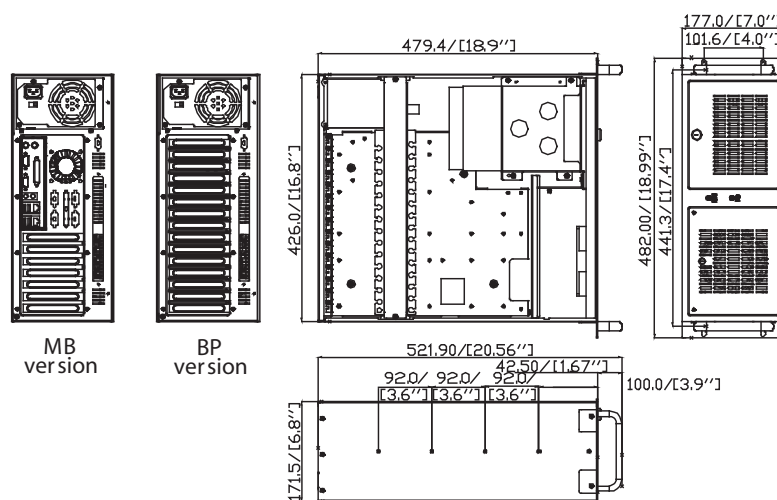
- 4U rackmount chassis supports up to 14 cards
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Special hold-down clamp design with rubber cushions protects the cards from harsh environments and any unexpected shocks
- Visible power and HDD activity notification improves system availability
- User-friendly and front-accessible filter for system maintenance
- Lockable front door prevents unauthorized access
- Flexible mechanical design supports both 300 W single PS/2 and redundant ATX power supply

Specifications

Drive Bay	3.5"	Front-accessible	1
	5.25"		3
Cooling	Fan		1 (85 CFM)
	Air Filter		Yes
Miscellaneous	Slide Rail	General Devices (http://www.generaldevices.com/) C-300 series supported (not included)	
	Indicator	Power on and HDD activity	
	Rear Panel	D-Sub 9-pin and 25-pin openings	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, 1/2 sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (-4 ~ 82° F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 177 x 478 mm (19" x 7" x 18.8")	
	Weight	16.5 kg (36.3 lb)	



Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		MTBF
				Mini-load	Safety	
PS-250ATX-ZE (ATX, PFC)	250 W	AC 115 / 230 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 @ 0.5 A +12 V @ 1 A +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 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 +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
RPS-300ATX-ZE (ATX, PFC)	300 W	AC 100 ~ 240 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	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-DC48E (ATX)	300 W	DC -48 V	+3.3 V @ 28 A, +5 V @ 30 A, +12 V @ 15 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 hours @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	AC 100 ~ 240 V (full range)	+5 V @ 35 A, +3.3 V @ 25A +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/TUV/CB/CCC	91,000 hrs @ 25° C

Accessories

Part Number	Description
1999001030	Fan filter 127 x 127 x 5 mm
1999611000	Door filter 142 x 97 x 5 mm
96FDD-144-TE-B1	Black 3.5" FDD
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM

Ordering Information

Part Number	Power Supply	Motherboard/Backplane	Regulation
IPC-611BP-00XE	Without power supply, with ATX switch	-	-
IPC-611BP-25ZE	PS-250ATX-ZE	-	CE
IPC-611BP-30ZE	PS-300ATX-ZBE	-	CE
IPC-611BP-40ZE	PS-400ATX-ZBE	-	CE
IPC-611MB-00XE	Without power supply, with ATX switch	-	-
IPC-611MB-25ZE	PS-250ATX-ZE	-	CE
IPC-611MB-30ZE	PS-300ATX-ZBE	-	CE



Rear panel of backplane version

IPC-510

4U Rackmount Chassis with Front USB and PS/2 Interfaces

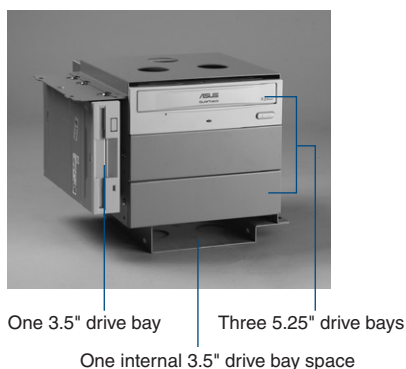
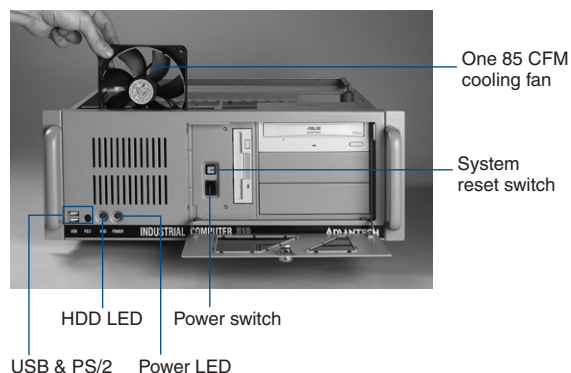


Features

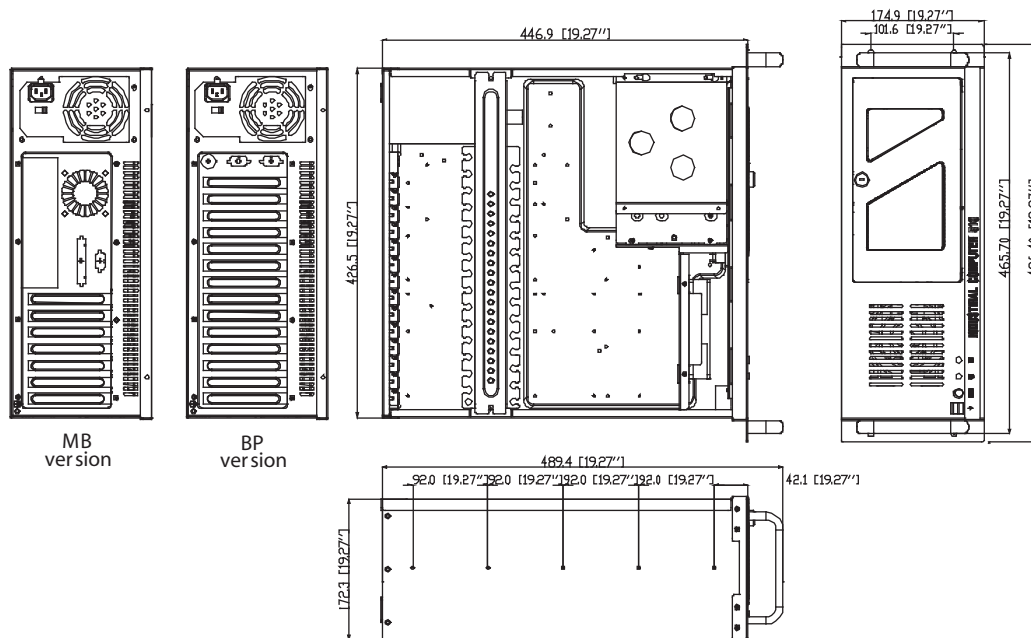
- The most cost-effective rackmount chassis
- Equipped with 250/300 W ATX PFC PS/2 power supply
- Easy to install front-accessible drive bays to hold three 5.25" and two 3.5" drives (one external & one internal)
- Front-accessible USB & PS/2 interfaces
- Designed to withstand environmental extremes, such as shock, vibration and high temperature

Specifications

		Front-accessible	Internal
	Drive Bay		
	5.25"	3	-
	3.5"	1	1
Cooling	Fan	1 (85 CFM)	
I/O Interface	USB	2 (front-accessible)	
	PS/2	PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard	
Miscellaneous	Rear Panel	BP version: One D-Sub 9-pin opening MB version: One D-Sub 9-pin and one 68-pin SCSI openings	
	Indicator	Power & HDD activity	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Altitude	0 ~ 3,048 m (0 ~ 10,000 ft)	
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 450 mm (19" x 7" x 17.7")	
	Weight	12.5 kg (27.5 lb)	



Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-ZE (ATX, PFC)	250 W	AC 115 / 230 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 @ 0.5 A +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 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 +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Ordering Information

Part Number	Power Supply	Motherboard/Backplane	Regulation
IPC-510MB-00XE	Without power supply, with ATX switch	-	-
IPC-510MB-25ZE	PS-250ATX-ZE	-	CE
IPC-510MB-30ZE	PS-300ATX-ZBE	-	CE
IPC-510BP-00XE	Without power supply, with ATX switch	-	-
IPC-510BP-25ZE	PS-250ATX-ZE	-	CE
IPC-510BP-30ZE	PS-300ATX-ZBE	-	CE

IPC-623

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

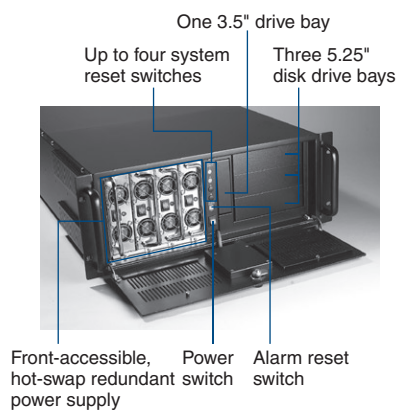


Features

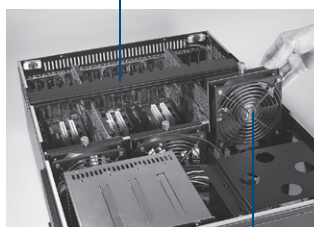
- 4U-high rackmount chassis supports up to 4 multi-systems
- Front-accessible redundant power supply
- Shockproof disk drive bay design can hold up to three front-accessible 5.25" and one 3.5" disk drives, and one internal 3.5" HDD
- Three hot swap 114 CFM cooling fans
- Front LEDs and audible alarm 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

		Front-accessible	Internal
Drive Bay	3.5"	1	1
	5.25"	3	-
Cooling	Fans	3 (hot-swap, 114 CFM each)	
	Air Filters	4 (200 x 45 mm) + 1 (128 x 95 mm)	
Miscellaneous	LED Indicators	System status notification for Power, Fan, HDD and Temperature	
	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	
		Hold-down clamp with rubber pad underneath and accessory rubber cushions	
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 657 mm (19" x 7" x 25.9")	
	Weight	26 kg (57 lb)	



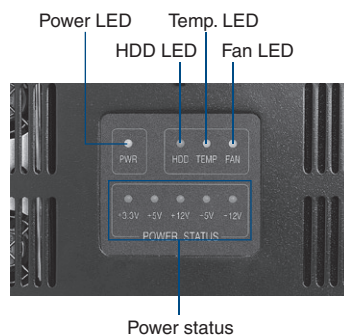
Hold-down clamp with rubber pads underneath



Three 114 CFM hot-swappable cooling fans



Dual AC power cord for 460 W / 570 W / 810 W redundant power supply



Power status

Single power supply

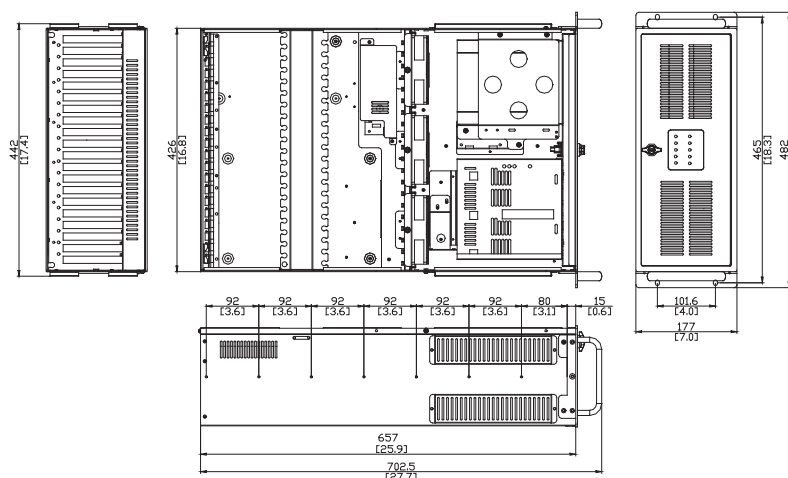


Extra drive bay which can hold up to three 3.5" HDDs



Front panel appearance with single power supply configuration

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000131G (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 @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	91,000 hours @ 25° C
1757000133G (single P/S)	500 W (ATX, PFC)	AC 100 ~ 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
1757000197G (1+1 redundant)	460 W (ATX, PFC)	AC 100 ~ 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 @ 5 A, +3.3 V @ 1 A, +12 V @ 2.5 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757000127G (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/CCC	100,000 hours @ 25° C
1757000128G (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

Accessories

Part Number	Description
1999000480	Side filter 45 x 200 x 6 mm
1999000490	Front filter 130 x 95 x 6 mm
96FDD-144-TE-B1	Black 3.5" FDD
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVD-RW-ROM

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-623BP-40ZBE	1757000131G (single P/S)	-	CE
IPC-623BP-50ZBE	1757000133G (single P/S)	-	CE
IPC-623BP-46RZBE	1757000197G (1+1 RPS)	-	CE
IPC-623BP-57NBE	1757000127G (2+1 RPS)	-	CE
IPC-623BP-81NBE	1757000128G (3+1 RPS)	-	CE

ACP-5260

5U 20-slot Rackmount Chassis with 6 Hot-swap Ultra320 SCSI SCA HDD Trays and Redundant Power Supply



PICMG 1.0
PICMG 1.3

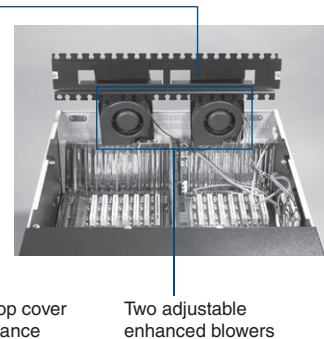
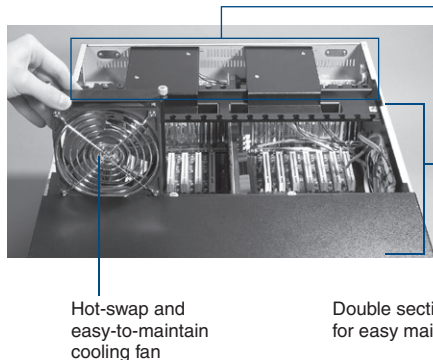
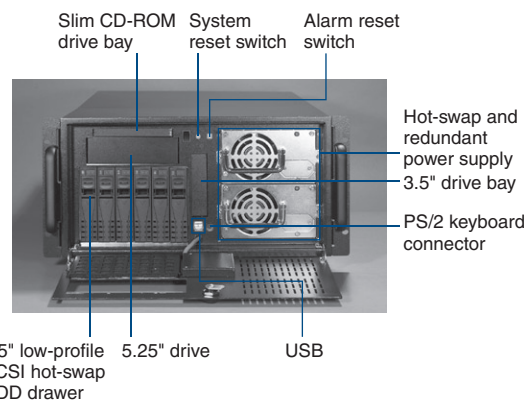


Features

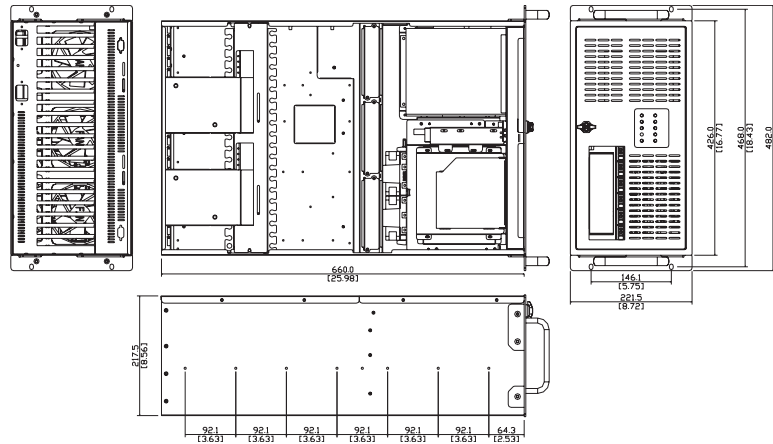
- Supports ATX motherboard or backplane with up to 20 slots
- Ultra320 SCA SCSI data storage unit, which meets the SAF-TE (SCSI Accessed Fault-Tolerant Enclosure) specification
- Hot-swappable SCSI HDD trays, high-speed cooling fans and redundant power supply
- System alarm notification LEDs, including system operation, system power, and SCSI storage status
- Front-accessible USB and PS/2 interfaces for easy data transfer
- Lockable front-door prevents unauthorized access

Specifications

Drive Bay	3.5"	Front-accessible	
	5.25"	6 (hot-swap), 1 (standard)	
	Slim CD-ROM	1	
Cooling	Fan	2 (47 CFM each) for SCSI storage, 3 (114 CFM each) in the middle of the chassis	
	Blower	2 (25 CFM each) on rear	
	Air Filter	Yes	
I/O Interface	USB	2 (front-accessible)	
	PS/2	PS/2 keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board	
Miscellaneous	Rear Panel	Two D-Sub 9-pin openings	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 222 x 660 mm (19" x 8.75" x 26")	
	Weight	30 kg (66 lb)	



Dimensions



Unit: mm (inch)

Power Supply Options

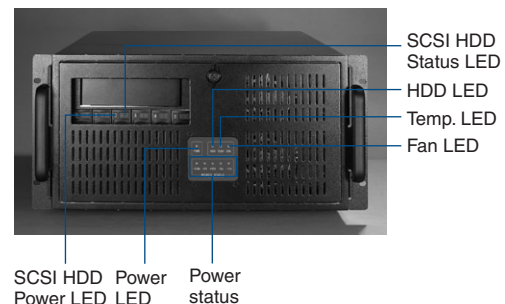
Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
1757000197G (ATX, PFC) (B/P version)	460 W	AC 100 ~ 240 V (full-range)	+5 V @ 40 A, +3.3 V @ 30 A +12 V @ 32 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 5 A +3.3 V @ 1 A +12 V @ 2.5 A +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757946006G (ATX, PFC) (M/B version)	460 W	AC 100 ~ 240 V (full-range)	+5 V @ 40 A, +3.3 V @ 30 A +12 V @ 27 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 5 A +3.3 V @ 1 A +12 V @ 2.5 A +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757000127G (ATX, PFC) (2+1 redundant)	570 W	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 Vab @ 1.2 A	+5 V @ 6 A, 3.3 V @ 2 A +12 V @ 3 A, -5 V @ 0.1 A -12 V @ 0.1 A, 5 Vab @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757000128G (ATX, PFC) (3+1 redundant)	810 W	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 Vab @ 1.6 A	+5 V @ 9 A, +3.3 V @ 3 A +12 V @ 4.5 A, -5 V @ 0.15 A -12 V @ 0.15 A, +5 Vab @ 0.15 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

Part Number	Description
SCD-ROME	Black slim 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRWE	Black slim 8X DVD + 24X CD-ROM drive with 40-pin IDE connector
96FDD-144-TE-B1	Black 3.5" FDD
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM

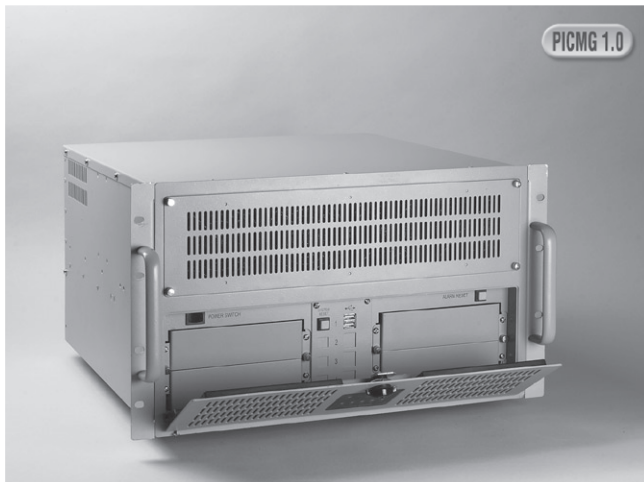
Ordering Information

Part Number	Power Supply	Motherboard/Backplane	Regulation
ACP-5260MB-46RE	1757946006G	-	CE
ACP-5260BP-46RE	1757000197G	-	CE
ACP-5260BP-57NE	1757000127G	-	CE
ACP-5260BP-81NE	1757000128G	-	CE



IPC-622

6U 20-slot Rackmount Chassis Supporting Quad-system and Redundant Power Supply

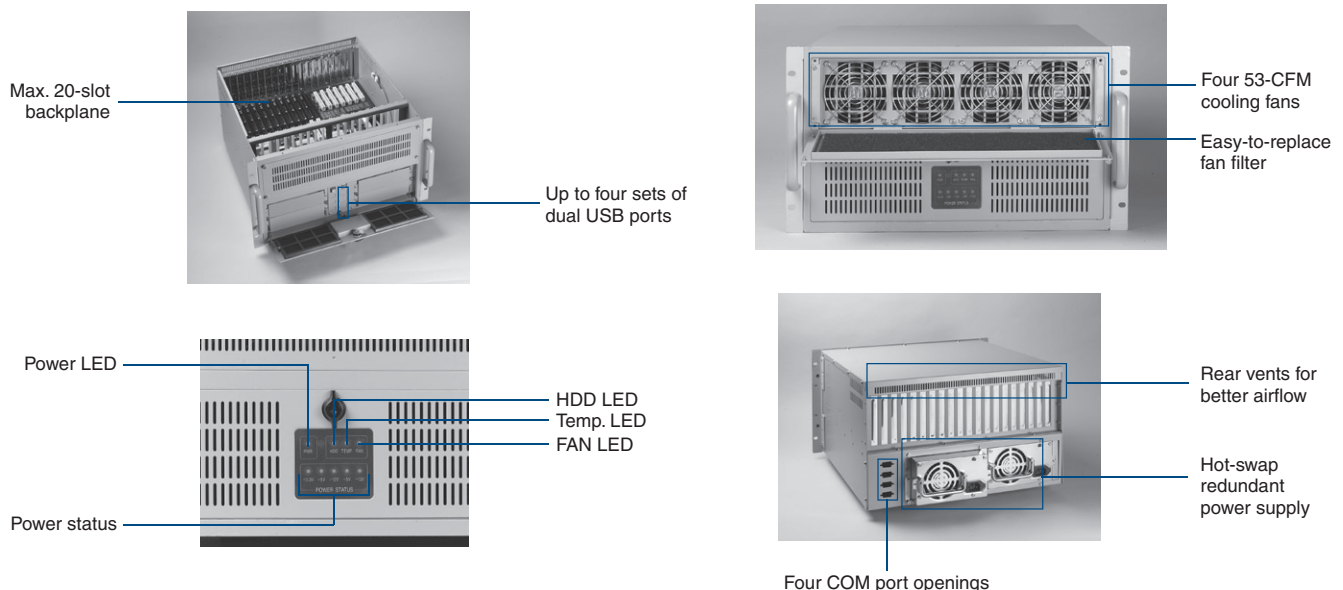


Features

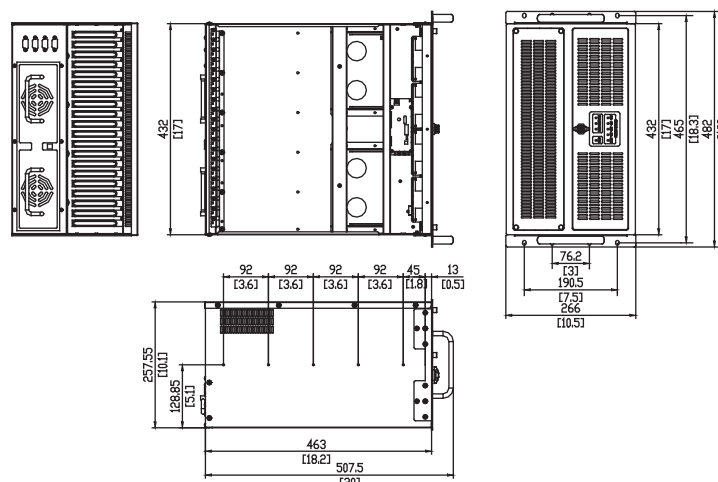
- 6U rackmount chassis supports up to 4 multi-systems
- Front LEDs and audible alarm notifications for system power status, fan operation, HDD status, and temperature monitoring
- Four 53-CFM cooling fans with filters
- Various backplane options for up to 20 slots
- Lockable front door prevents unauthorized access and displays the system status clearly
- Supports up to four sets of dual USB ports in the front
- Four reserved COM port openings on the rear panel

Specifications

		Front-accessible	Internal
Drive Bay	5.25"	4	-
	3.5"	-	2
Cooling	Fan	4 (53 CFM each)	
	Air Filters	Yes	
I/O Interface	USB	2 (default) and up to 4 sets of dual USB ports in the front	
	Notification LEDs	PWR, HDD, Fan & Temperature	
Miscellaneous	Control	Power on/off, system reset and alarm reset switches	
	Real Panel	Four COM openings	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical	Dimensions (W x H x D)	482 x 266 x 463 mm (19" x 10.5" x 18")	
	Weight	30.0 kg (66 lb)	



Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000193G (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, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	91,000 hours @ 25° C
1757000162G (single P/S)	500 W (ATX, PFC)	AC 100 ~ 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, +12 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	98,000 hours @ 25° C
1757000177G (1+1 redundant)	460 W (ATX, PFC)	AC 100 ~ 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 @ 5 A, +3.3 V @ 1 A, +12 V @ 2.5 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

Part Number	Description
1701400971	HDD cable, ATA 33, 62 cm + 35 cm
1701400973	HDD cable, ATA 66/100, 62 cm + 35 cm
1999611000	Door filter 142 x 97 x 5 mm
1999622000	Fan filter 382 x 93 x 5 mm

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-622BP-00RCE	Without power supply, with ATX switch	-	-
IPC-622BP-40ZCE	1757000193G (single P/S)	-	CE
IPC-622BP-50ZCE	1757000162G (single P/S)	-	CE
IPC-622BP-46RCE	1757000177G (1+1 RPS)	-	CE
Black Color Chassis Options			
IPC-622BP-00RCBE	Without power supply, with ATX switch	-	-
IPC-622BP-46RCBE	1757000177G (1+1 RPS)	-	CE

ACP-7000

7U 20-slot Rackmount Chassis with 6 Hot-swap Ultra320 SCSI SCA HDD Bays and RPS



Features

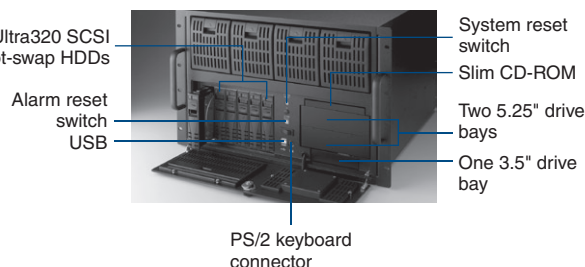
- Supports ATX motherboard and backplane with up to 20 slots
- Ultra320 SCA SCSI data storage unit, which meets the SAF-TE (SCSI Accessed Fault-Tolerant Enclosure) specification
- Hot-swappable SCSI HDD trays, high-speed cooling fans and redundant power supply
- System alarm notification LEDs, including system operation, system power, and SCSI storage status
- Front-accessible USB and PS/2 interfaces for easy data transfer
- Lockable front-door prevents unauthorized access

Specifications

Drive Bay		Front-accessible	
	Slim CD-ROM	1	
	3.5"	6 (hot-swap), 1 (FDD, or HDD)	
	5.25"	2	
Cooling	Fans	4 (58 CFM each) hot-swap; 2 (47 CFM each) for SCSI storage unit	
	Air Filters	Yes	
I/O Interface	USB	2 (front-accessible)	
	PS/2	PS/2 keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board	
Miscellaneous	Slide Rail	General Device C-300 series supported (not included)	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 307 x 500 mm (19" x 12.1" x 19.7")	
	Weight	35 kg (77 lb)	



Supports six Ultra320 SCSI SCA hot-swap HDDs

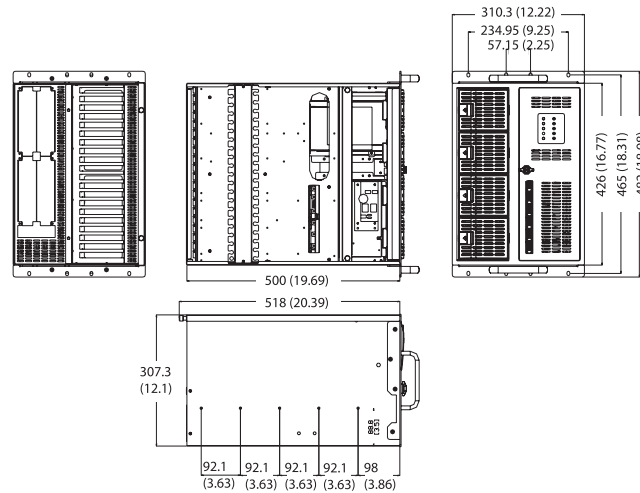


Four hot-swap cooling fans with filter



Hot-swap redundant power supply

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000177G (for ACP-7000BP) 1757946007G (for ACP-7000MB)	460 W ATX PFC	AC 100 ~ 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 @ 5 A +3.3 V @ 1 A +12 V @ 2.5 A +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757957002G (for ACP-7000BP) 1757957001G (for ACP-7000MB)	570 W ATX PFC	AC 115 ~ 230 V (full-range)	+5 V @ 50 A, +3.3 V @ 40 A +12 V @ 34 A, -12 V @ 1 A -5 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
1757981000G (for ACP-7000BP) 1757981001G (for ACP-7000MB)	810 W ATX PFC	AC 115 ~ 230 V (full-range)	+5 V @ 75 A, +3.3 V @ 60 A +12 V @ 51 A, -12 V @ 1.5 A -5 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

Accessories

Part Name	Description
19914K0010	Door filter 97.6 x 36.6 x 5 mm
19997K0010	Door filter 174 x 79.2 x 5 mm
19997K0020	Fan filter 104 x 92 x 5 mm
96FDD-144-TE-B1	Black 3.5" FDD
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM
SCD-ROME	Black slim 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRWE	Black slim 8X DVD + 24X CD-ROM drive with 40-pin IDE connector

Ordering Information

Part Number	Power Supply	Motherboard/ Backplane	Regulation
ACP-7000BP-46RE	1757000177G (1+1 redundant)	-	CE
ACP-7000BP-57NE	1757957002G (2+1 redundant)	-	CE
ACP-7000BP-81NE	1757981000G (3+1 redundant)	-	CE
ACP-7000MB-46RE	1757946007G (1+1 redundant)	-	CE

IPC-5120

Compact Desktop/Wallmount Chassis with Front I/O Interfaces & Expansion Slots for MicroATX Motherboard

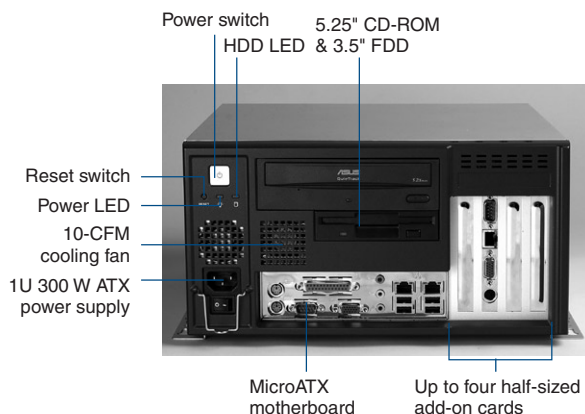


Features

- Streamlined in-chassis airflow design supporting LGA775 Pentium® 4 CPU with suggested CPU cooler
- All I/O interfaces are in the front
- Shock-resistant drive bay to hold one 5.25" and two 3.5" drives (one external & one internal)
- Supports up to four half-sized add-in cards in the front
- LED indicators for power status and HDD activity
- Equipped with 1U-high 300 W ATX/PFC power supply
- Easy-to-replace air filter

Specifications

		Front-accessible	Internal
Drive Bay	5.35"	1	
	3.5"	1	1
Cooling	Fan	1 (85 CFM) + 1 (10 CFM)	
	Air Filter	1 (133 x 112 mm)	
Miscellaneous	Control	Power on/off switch and system reset button	
	Indicators	Power status and HDD activity	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5-500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	320 x 164 x 307 mm (12.6" x 6.5" x 12.1")	
	Weight	8.0 kg (17.6 lb)	



Solid disk drive housing & easy-to-maintain fan filter



Shock-resistant drive bay for holding an internal 3.5" HDD

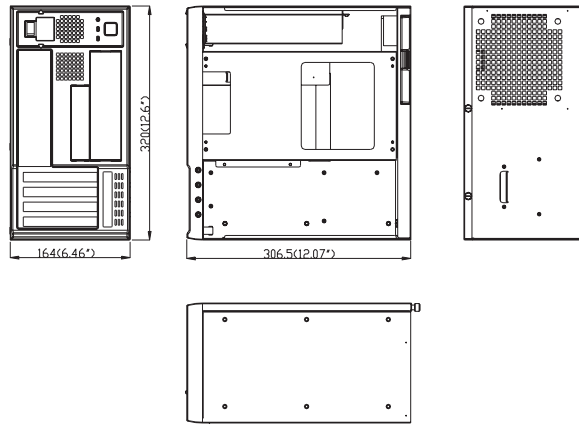


Plug ring-lock securely fastens the power cord



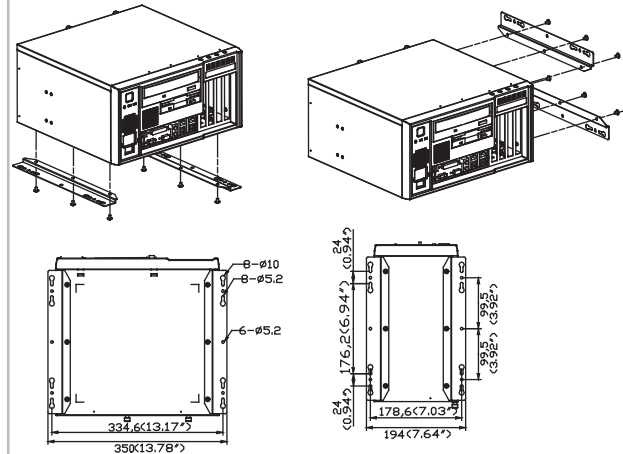
User-friendly mechanical design for installing an add-on card

Dimensions



Unit: mm (inch)

Installation



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000229G (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 14 A, +12 V @ 16 A, -5 V @ 0.5 A, -12 V @ 1.0 A, +5 Vsb @ 1.5 A	+5 V @ 3 A, +3.3 V @ 1.0 A, +12 V @ 2 A, -5 V @ 0.05 A, -12 V @ 0.05 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hrs @ 25° C

Accessories

Part Number	Description
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVD RW-ROM
96FDD-144-TE-B1	Black 3.5" FDD
1750000257	2U-high Socket 478 P4 CPU cooler up to 3.2 GHz (89 W)
1750000332	2U-high LGA775 P4 CPU cooler up to 3.8 GHz

Ordering Information

Part Number	Power Supply	Motherboard	Regulation
IPC-5120-30ZE	1757000229G	-	CE

18
Industrial Motherboards

19
Single Board Computers

20
Industrial Computer Chassis

21
High Performance Computing

22
Industrial PC Peripherals

IPC-7120

Compact Desktop/Wallmount Chassis with Front I/O Interfaces & Expansion Slots for ATX Motherboard

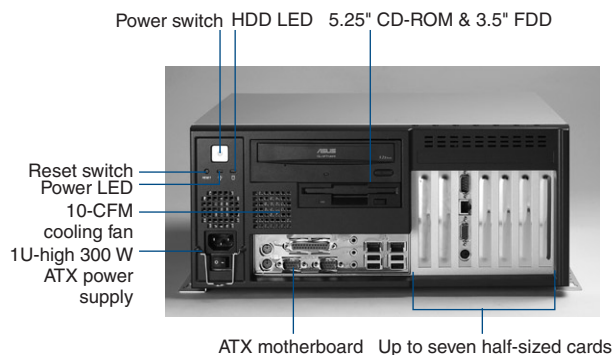


Features

- Streamlined in-chassis airflow design supporting LGA775 Pentium® 4 CPU with suggested CPU cooler
- All I/O interfaces are in the front
- Shock-resistant drive bay to hold one 5.25" and two 3.5" drives (one external & one internal)
- Supports up to seven half-sized add-in cards in the front
- LED indicators for power status and HDD activity
- Equipped with 1U-high 300 W ATX/PFC power supply
- Easy-to-replace air filter

Specifications

		Front-accessible	
		Internal	Internal
Disk Drive Bay	5.35"	1	
	3.5"	1	1
Cooling	Fan	1 (85 CFM) + 1 (10 CFM)	
	Air Filter	1 (133 x 112 mm)	
Miscellaneous	Control	Power on/off switch and system reset button	
	LED Indicators	Power status and HDD activity	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	380 x 164 x 307 mm (15" x 6.5" x 12.1")	
	Weight	9.0 kg (19.8 lb)	



User-friendly mechanical design for installing an add-on card



Solid disk drive housing & easy-to-maintain fan filter

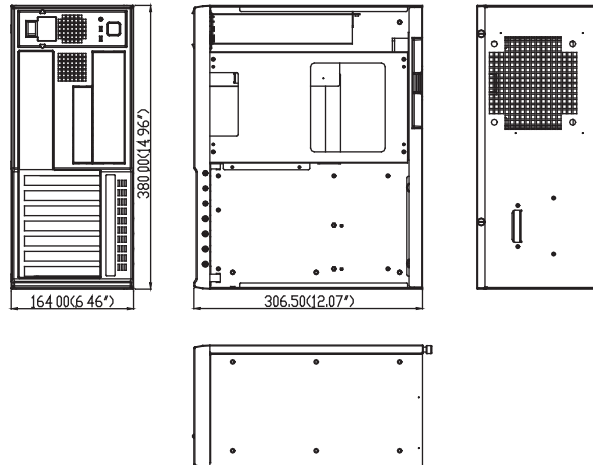


Plug ring-lock securely fastens the power cord



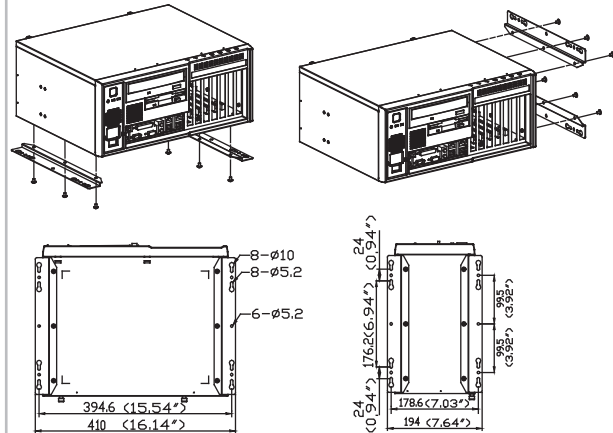
Shock-resistant drive bay for holding an internal 3.5" HDD

Dimensions



Unit: mm (inch)

Installation



Unit: mm (inch)

Power Supply Options

Part Number	Specifications				
	Watt	Input	Output	Mini-load	MTBF
1757000229G (ATX, PFC)	300 W	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 14 A, +12 V @ 16 A, -5 V @ 0.5 A, -12 V @ 1.0 A, +5 Vsb @ 2.0 A	+5 V @ 3 A, +3.3 V @ 1.0 A, +12 V @ 2 A, -5 V @ 0.05 A, -12 V @ 0.05 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC 100,000 hrs @ 25° C

Accessories

Part Number	Description
96CD-52X-I-AS-B3	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM
96FDD-144-TE-B1	Black 3.5" FDD
1750000257	2U-high Socket 478 P4 CPU cooler up to 3.2 GHz (89 W)
1750000332	2U-high LGA775 P4 CPU cooler up to 3.8 GHz

Ordering Information

Part Number	Power Supply	Motherboard	Regulation
IPC-7120-30ZE	1757000229G	-	CE

18
Industrial Motherboards

19
Single Board Computers

20
Industrial Computer Chassis

21
High Performance Computing

22
Industrial PC Peripherals

IPC-7143

Desktop/Wallmount Chassis for ATX Motherboard with 2 SATA HDD Trays & Bottom-accessible I/O

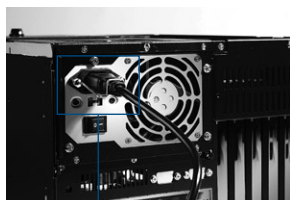


Features

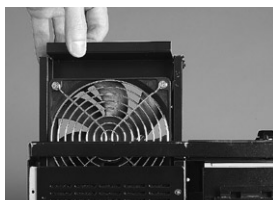
- Supports one slim CD-ROM drive, two removable 3.5" SATA HDDs and two standard 3.5" drives
- Bi-directional wall-mount options with bottom accessible I/O interfaces
- Easy-to-replace 85-CFM cooling fan with air filter
- Front-accessible USB and PS/2 interfaces
- Visible LED indicators and audible alarm notification for system fault detection
- Removable and shock-resistant drive housings
- Lockable front door prevents unauthorized access
- Optional dual redundant power supply

Specifications

Drive Bay	5.25"	Front-accessible	
	3.5"	1 (Slim CD-ROM drive)	
Cooling	Fan	One 12 x 12 cm (up to 3.8 cm depth) 85 CFM; one 5 x 5 cm 47 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	Indicators	PWR, HDD, Temperature 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		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (With 11 ms duration, half sine wave)	30 G
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
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-lock securely fastens the power cord (PS-400ATX-ZB)



Easy-to-maintain cooling fan & filter



One slim CD-ROM drive, two 3.5" disk drives & two removable SATA HDD trays



Bottom view of IPC-7143

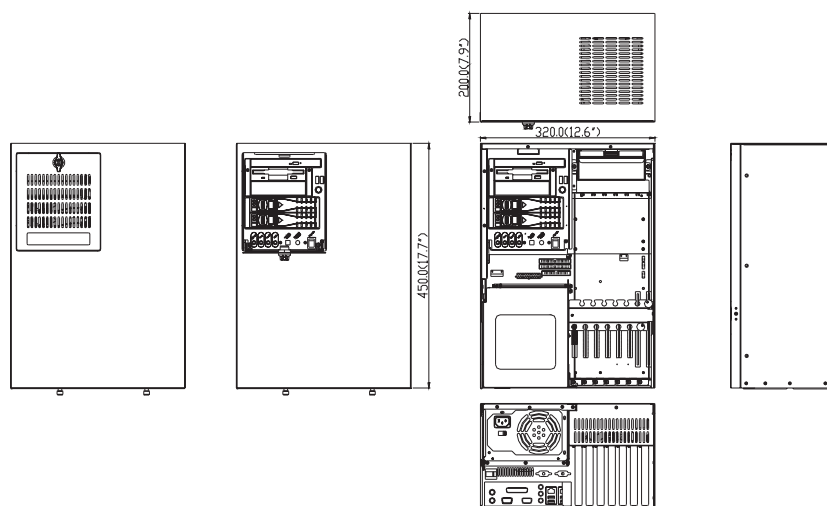


Power supply bracket with hinges



Bidirectional wall-mountable design

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZBE (ATX, PFC)	300 W	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-ZE (ATX, PFC)	300 W	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	100,000 hrs @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	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-ZE (ATX, PFC)	400 W	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-DC48E	300 W	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

Accessories

Part Number	Description
SCD-ROME	Black slim 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRWE	Black slim 8X DVD + 24X CD-RW with 40-pin IDE connector
96FDD-144-TE-B1	Black 3.5" FDD
1750000257	2U-high P4 Socket 478 CPU cooler up to 3.2 GHz (89 W)
1700060202	Y-cable for PS/2 mouse & keyboard
1990000486	Fan filter 133 x 112 x 5 mm

Ordering Information

Part Number	Power Supply	Motherboard	Regulation
IPC-7143-00XE	Without power supply, with ATX switch	-	-
IPC-7143-30ZE	PS-300ATX-ZBE	-	CE
IPC-7143-30RE	RPS-300ATX-ZE	-	CE
IPC-7143-40ZE	PS-400ATX-ZBE	-	CE

IPC-7220

Desktop/Wallmount Chassis for ATX Motherboard

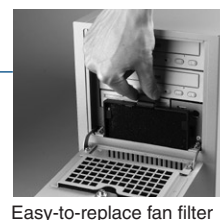
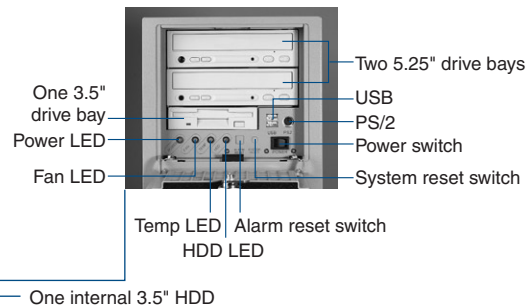
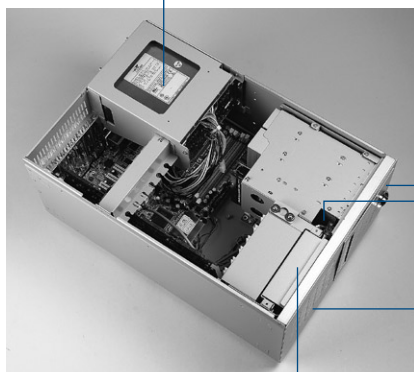
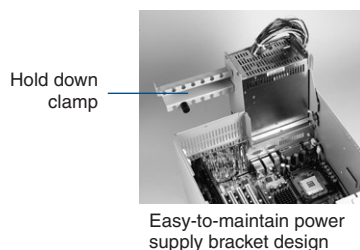


Features

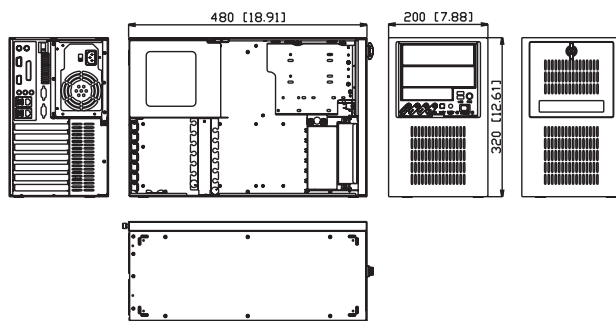
- Supports two front-accessible 5.25" and two standard 3.5" drives (one external & one internal)
- Lockable front door prevents unauthorized access
- Front-accessible USB and PS/2 interfaces
- Front LED indicators for fault detection and alarm notification
- Easy-to-maintain air filters
- Shock-resistant drive bay
- Bidirectionally mountable on panels or walls with supplied bracket
- Optional redundant power supply

Specifications

Drive Bay	5.25"	Front-accessible	Internal
	3.5"	2	-
Cooling	Air Filters	2 (one 7 x 12 cm and one 12 x 12 cm)	
	Fan	One (85 CFM)	
I/O Interface	USB	2 (front-accessible)	
	PS/2	PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard	
Miscellaneous	Indicators	PWR, HDD, Temperature and Fan	
	Switchs	Power, system reset and alarm reset	
	Rear Panel	Reserved two D-Sub 9-pin openings	
Environmental		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	200 x 320 x 480 mm (7.9" x 12.6" x 18.9")	
	Weight	14 kg (30.8 lb)	

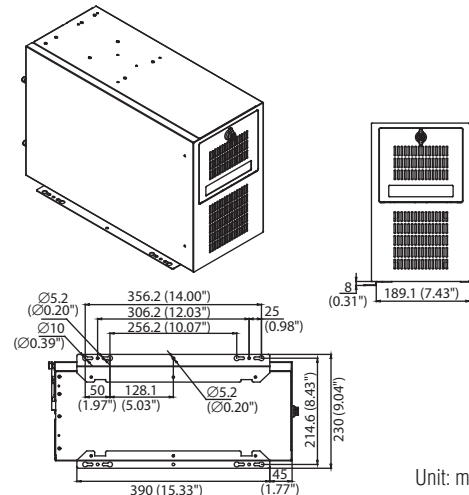


Dimensions



Unit: mm (inch)

Installation



Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications		
				Mini-load	Safety	MTBF
PS-300ATX-DC48E (ATX)	300 W	DC -48 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/TUV/CB/CCC	100,000 hrs @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 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/TUV/CB/CCC	100,000 hrs @ 25° C
RPS-300ATX-ZE (ATX, PFC)	300 W	AC 100 ~ 240 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/TUV/CB/CCC	100,000 hrs @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	AC 100 ~ 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/TUV/CB/CCC	91,000 hrs @ 25° C
RPS-400ATX-ZE (ATX, PFC)	400 W	AC 100 ~ 240 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/TUV/CB/CCC	100,000 hrs @ 25° C

Accessories

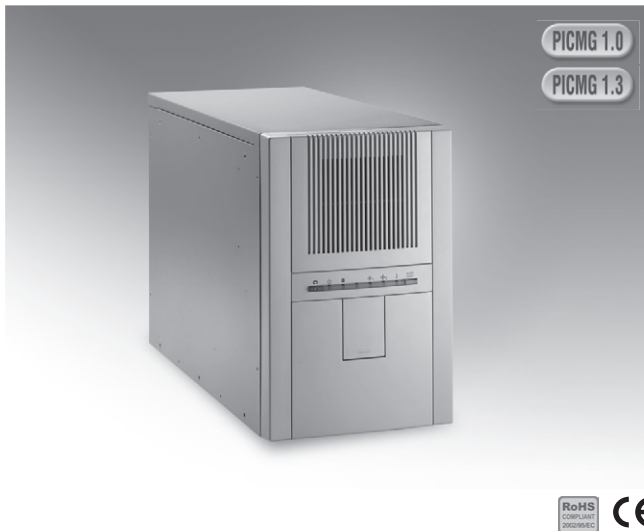
Part Number	Description
1700060202	Y-cable for PS/2 mouse and keyboard
1750000257	2U-high P4 Socket 478 CPU cooler up to 3.2 GHz (89 W)
1759208500	Fan 120 x 120 x 25.4 mm with housing
1990000486	Fan filter 133 x 112 x 5 mm
1990000488	Door filter

Ordering Information

Part Number	Power Supply	Motherboard	Regulation
IPC-7220-00XE	Without power supply, with ATX switch	-	-
IPC-7220-30ZE	PS-300ATX-ZBE	-	CE
IPC-7220-30RE	RPS-300ATX-ZE	-	CE
IPC-7220-40ZE	PS-400ATX-ZBE	-	CE

IPC-6908

8-slot Desktop/Wallmount Chassis with Front Alarm Notification and Redundant Power Supply Option

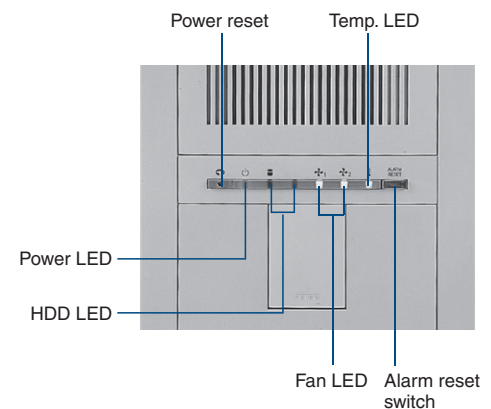
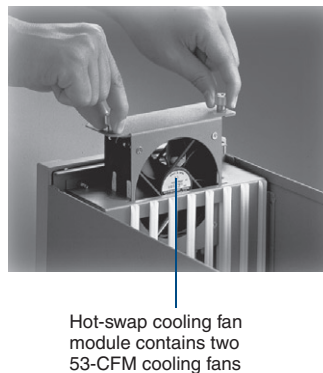
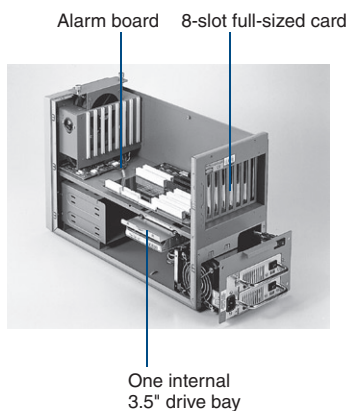


Features

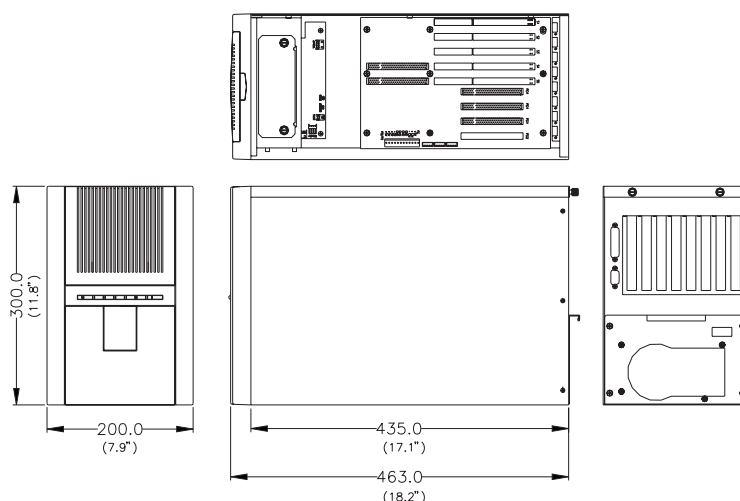
- 8-slot desktop/wallmount industrial computer chassis
- Shock-resistant drive bay with rubber cushions
- Visible LED indicators and audible alarm notification for system fault detection
- Easy-to-open top-cover, no screwdriver required
- Hot-swap dual cooling fans
- Various 8-slot backplane options
- 250 W / 300 W / 400 W ATX PS/2 and 300W ATX redundant power supply options

Specifications

		Front-accessible	Internal
Drive Bay	3.5"	1	1
	5.25"	2	-
Cooling	Fan	2 (58 CFM each) hot-swap	
	Air Filter	Yes	
Physical Characteristics	Dimensions (W x H x D)	200 x 300 x 463 mm (7.9" x 11.8" x 18.2")	
	Weight	12 kg (26.4 lb)	



Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-ZE (ATX, PFC)	250 W	AC 115 / 230 V (selectable)	+5V @ 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 @ 0.5 A +12 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 100 ~ 240 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 +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-400ATX-ZBE (ATX, PFC)	400 W	AC 100 ~ 240 V (full-range)	+5V @ 35 A, +3.3 V @ 25 A +12 V @ 30 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 3 A +12 V @ 2 A +3.3 V @ 1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-DC48E (ATX)	300 W	DC -48 V	+5V @ 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/TUV/CB/CCC	100,000 hours @ 25° C
RPS-300ATX-ZE (ATX, PFC)	300 W	AC 100 ~ 240 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	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

Part Number	Description
1701400971	HDD cable, ATA 33, 62 cm + 35 cm
1701400973	HDD cable, ATA 66/100, 62 cm + 35 cm
1999908000	Fan filter 92 x 92 x 5 mm

Ordering Information

Part Number	Power Supply	Backplane	Regulation	Switch
IPC-6908BP-CE	-	-	-	AT/ATX
IPC-6908BP-25ZCE	PS-250ATX-ZE	-	CE	ATX
IPC-6908BP-30ZCE	PS-300ATX-ZBE	-	CE	ATX
IPC-6908BP-40ZCE	PS-400ATX-ZBE	-	CE	ATX

IPC-6606/6608

8/6-slot Desktop/Wallmount Chassis with PS/2 Power Supply



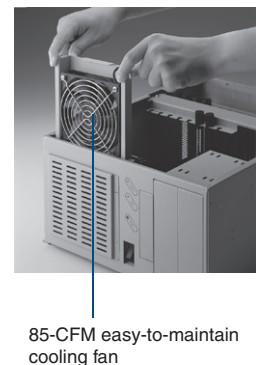
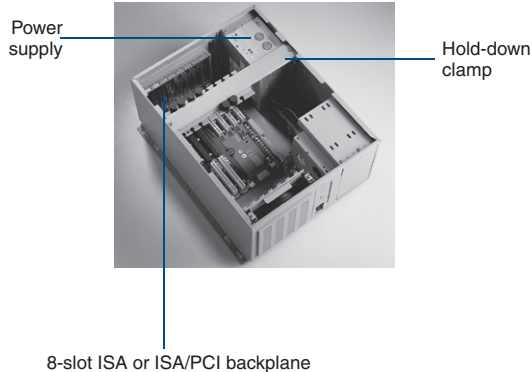
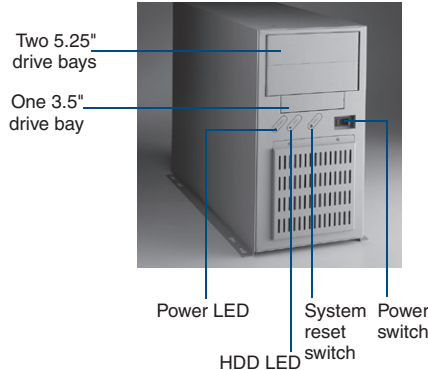
Features

- Bidirectional options to mount the chassis on the wall or workbench
- Equipped with an 8/6-slot ISA or ISA/PCI backplane to hold eight full-length cards
- Two/One front accessed 5.25" disk drives and one 3.5" FDD
- High-speed cooling fan supports abundant cooling and streamlined ventilation
- Shockproof disk drive bay design for industrial applications

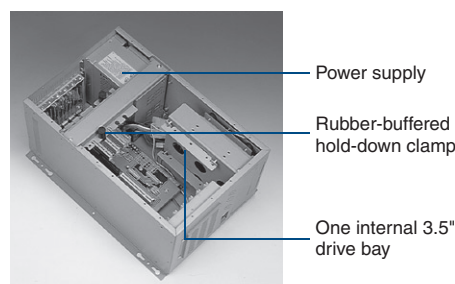
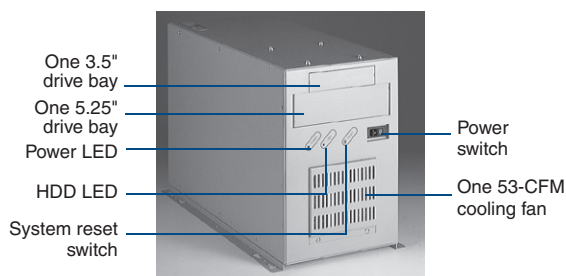
Specifications

Model Name		IPC-6608	IPC-6606
Drive Bay	3.5"	1	2 (1 external, 1 internal)
	5.25"	2	1
		Front-accessible	
Cooling	Fan	1 (85 CFM) hot-swap	
	Air Filter	Yes	
Miscellaneous	Control	Front panel power switch and reset switch	
	Indicator	Power on/off and HDD activity	
Environment	Temperature	0 ~ 40° C (32 ~ 104° F), operating	
	Humidity	10 ~ 85 % @ 40° C, non-condensing	
Physical Characteristics	Dimensions (W x H x D)	173 x 315 x 410 mm (6.8" x 12.4" x 16.1")	173x 254 x 396mm (6.8"x 10" x 15.6")
	Weight	11.0 kg (24.2 lb)	9 kg (19.8 lb)

IPC-6608

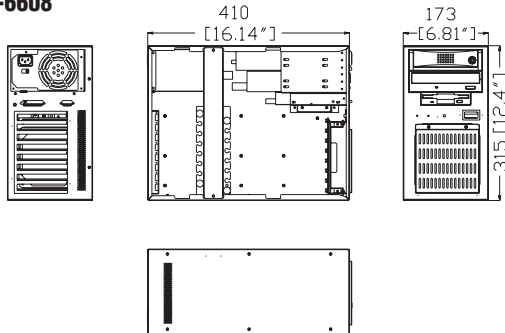


IPC-6606

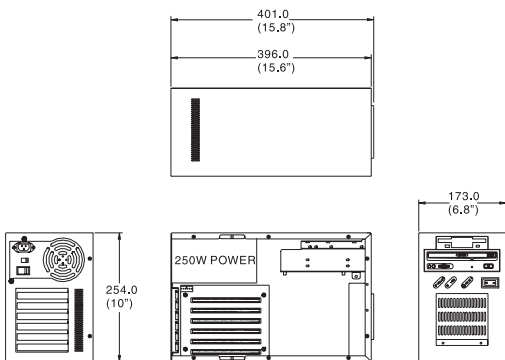


Dimensions

IPC-6608



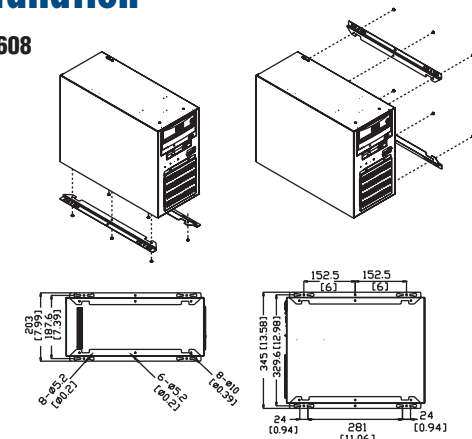
IPC-6606



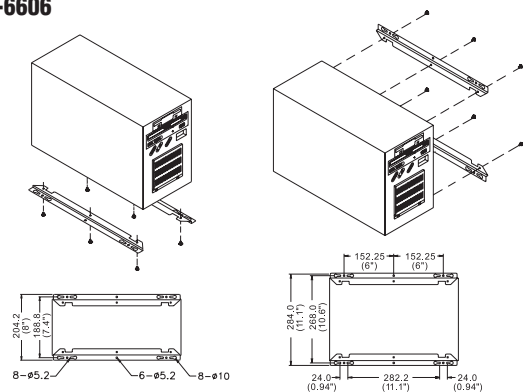
Unit: mm (inch)

Installation

IPC-6608



IPC-6606



Bidirectional mounting

Unit: mm (inch)

Power Supply Options

Part Number	Watt	Input	Output	Specifications Mini-load	Safety	MTBF
PS-250ATX-ZE (ATX, PFC)	250 W	AC 115 / 230 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 @ 0.5 A, +12 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZBE (ATX, PFC)	300 W	AC 110 ~ 240 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, +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

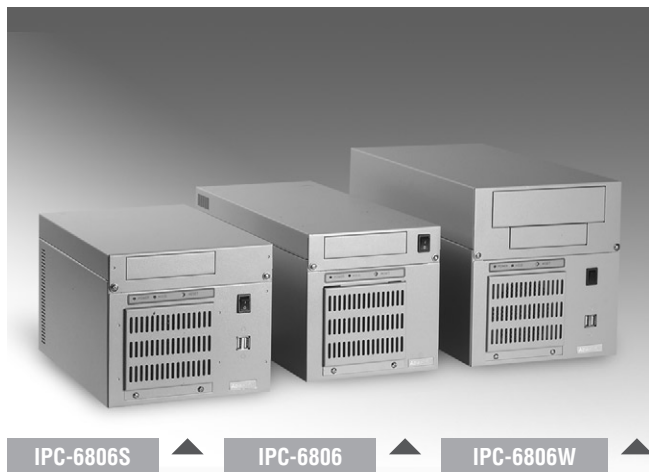
Part Number	Description
1999806020	Fan filter 100 x 90 x 3 mm (for IPC-6606)
1999806030	Fan filter 127 x 127 x 5 mm (for IPC-6608)

Ordering Information

Part Number	Power Supply	Backplane	Regulation	Switch
IPC-6608				
IPC-6608BP-00E	-	-	-	AT/ATX
IPC-6608BP-25ZE	PS-250ATX-ZE	-	CE	ATX
IPC-6608BP-30ZE	PS-300ATX-ZBE	-	CE	ATX
IPC-6606				
IPC-6606BP-00XE	-	-	-	AT/ATX
IPC-6606BP-25ZE	PS-250ATX-ZE	-	CE	AT
IPC-6606P3-25ZE	PS-250ATX-ZE	PCA-6106P3-0D2E	CE	AT
IPC-6606BP-30ZE	PS-300ATX-ZBE	-	CE	ATX
IPC-6606P3-30ZE	PS-300ATX-ZBE	PCA-6106P3-0D2E	CE	ATX
IPC-6606P4-30ZE	PS-300ATX-ZBE	PCA-6106P4-0A2E	CE	ATX
IPC-6606P5-30ZE	PS-300ATX-ZBE	PCA-6105P5-0B2E	CE	ATX

IPC-6806

6-slot Desktop/Wallmount Chassis with 1U Power Supply

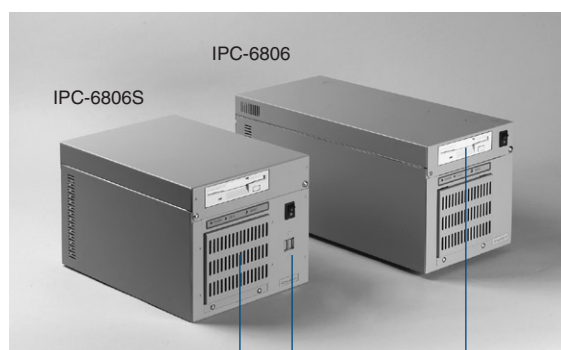


Features

- Three models with different sizes to support various industrial applications
- Supports 6-slot backplane
- Supports front USB interface (IPC-6806S and IPC-6806W)
- IPC-6806W is especially equipped with a front-mounted 5.25" drive bay for a CD-ROM
- Streamlined filtered airflow
- Versatile 6-slot backplane options

Specifications

Cooling	Fan	One (58 CFM for IPC-6806W; 53 CFM for IPC-6806 and IPC-6806S)	
	Air Filter	Yes	
I/O Interface	USB	IPC-6806W and IPC-6806S only	
Miscellaneous	Control	Power on/off switch and system reset switch	
	Indicators	Power on/off and HDD activity	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	0.5 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB at 5 ~ 28° C (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	



One 53-CFM cooling fan with filter

USB

3.5" FDD



Hold down clamp

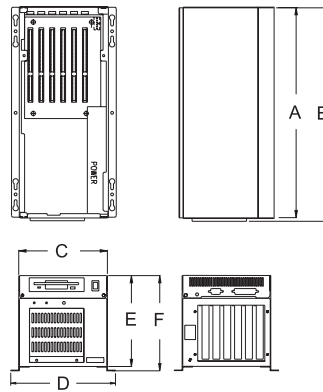
1U 300 W ATX power supply

One internal 3.5" HDD

USB

5.25" CD-ROM & FDD

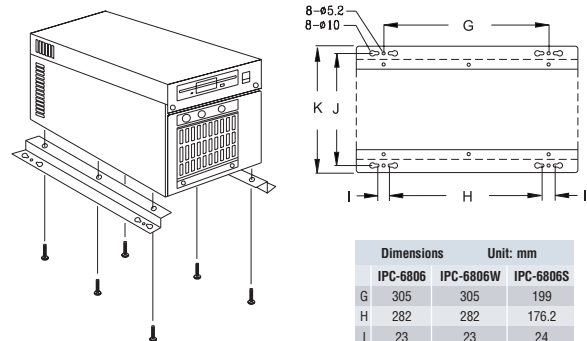
Dimensions



Dimensions	Unit: mm		
	IPC-6806S	IPC-6806	IPC-6806W
A	285	393	393
B	290	398	398
C	191	166	198
D	221	196	228
E	170	170	213
F	178	178	221

Unit: mm (inch)

Installation



Dimensions	Unit: mm		
	IPC-6806	IPC-6806W	IPC-6806S
G	305	305	199
H	282	282	176.2
I	23	23	24
J	180.6	212.6	205.6
K	196	228	221

Unit: mm (inch)

Selection Guide

Part Number	IPC-6806SB-15ZBE	IPC-6806BP-20ZBE	IPC-6806WB-30ZBE
Drive Bay	3.5" FDD x 1, 3.5" HDD x 1	3.5" FDD x 1, 3.5" HDD x 1	5.25" CD-ROM x 1, 3.5" FDD x 1, 3.5" HDD x 1
Power Supply	150 W PFC	200 W PFC	300 W PFC
Backplane	PCA-6106-0B2E, PCA-6105P5-0B2E (for half-sized cards only)	PCA-6106-0B2E, PCA-6106P3-0D2E, PCA-6105P5-0B2E	PCA-6106-0B2E, PCA-6106P3-0D2E, PCA-6106P4-0A2E, PCA-6105P5-0B2E
Dimensions (W x H x D)	191 x 170 x 285 mm (7.5" x 6.7" x 11.2")	166 x 170 x 393 mm (6.5" x 6.7" x 15.4")	198 x 213 x 393 mm (7.8" x 8.4" x 15.4")
Weight	6 kg (13.2 lb)	7.2 kg (15.9 lb)	8 kg (17.6 lb)

Power supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000209G (IPC-6806S)	150 W ATX	AC 100 ~ 240 V (full-range)	+5 V @ 14 A, +3.3 V @ 10 A +12 V @ 6 A, -12 V @ 0.8 A -5 V @ 0.5 A, +5 Vsb @ 1.5 A	+5 V @ 2 A, +12 V @ 1 A -5 V @ 0.1 A, -12 V @ 0.1 A +3.3 V @ 1 A, +5 V @ 0.1 A	UL/TUV/CB/CCC	84,000 hours @ 25° C
OP-20PZE (IPC-6806)	200 W AT	AC 100 ~ 240 V (full-range)	+5 V @ 16 A, +12 V @ 9 A, -12 V @ 0.7 A, -5 V @ 0.2 A	+5 V @ 2 A, +12 V @ 1 A -5 V @ 0.1 A, -12 V @ 0.1 A	UL/TUV/CB/CCC	84,000 hours @ 25° C
1757000160G (IPC-6806W)	300 W ATX	AC 100 ~ 240 V (full-range)	+5 V @ 25 A, +3.3 V @ 14 A +12 V @ 16 A, -12 V @ 1 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 3 A, +12 V @ 2 A -5 V @ 0.05 A, -12 V @ 0.05 A +3.3 V @ 1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Ordering Information

Part Number	Power Supply	Backplane	Regulation	Switch
IPC-6806SB-15ZBE	1757000209G	-	CE	AT
IPC-6806BP-20ZBE	OP-20PZE	-	CE	AT
IPC-6806-20ZBE	OP-20PZE	PCA-6106-0B2E	CE	AT
IPC-6806P3-20ZBE	OP-20PZE	PCA-6106P3-0D2E	CE	AT
IPC-6806WB-30ZBE	1757000160G	-	CE	AT
IPC-6806WP-30ZBE	1757000160G	PCA-6106P3-0D2E	CE	AT

IPC-644

4-slot Ultra-compact Wallmount/Desktop Chassis with 150 W ATX Power Supply

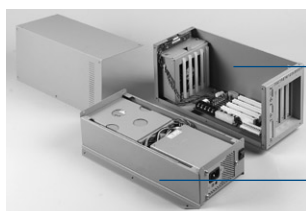


Features

- Ultra-compact wallmount/desktop IPC chassis
- Supports up to 4 half-sized cards
- Supports one 3.5" FDD and one internal 3.5" HDD
- Power switch on the rear plate
- One 53-CFM cooling fan
- Equipped with 150 W ATX power supply
- Easy-to-replace fan filter
- Reserved I/O port openings (two 9-pin and one 25-pin) on the rear plate

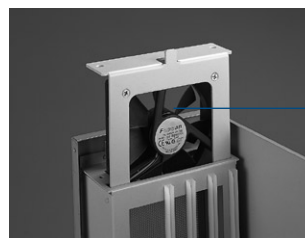
Specifications

Drive Bay		Front-accessible	Internal
	3.5"	1	1
Cooling	Fan	1 (53 CFM)	
	Air Filter	Yes	
Miscellaneous	Control	Power on/off switch and system reset button	
	Indicators	Power status and HDD activity	
	Rear Panel	Reserved two 9-pin COM and one 25-pin printer port openings	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 60° C (-4 ~ 140° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing	10 ~ 95 % @ 40° C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° (41 ~ 82° F)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	135 x 209 x 305 mm (5.3" x 8.2" x 12")	
	Weight	5.0 kg (11.4 lb)	



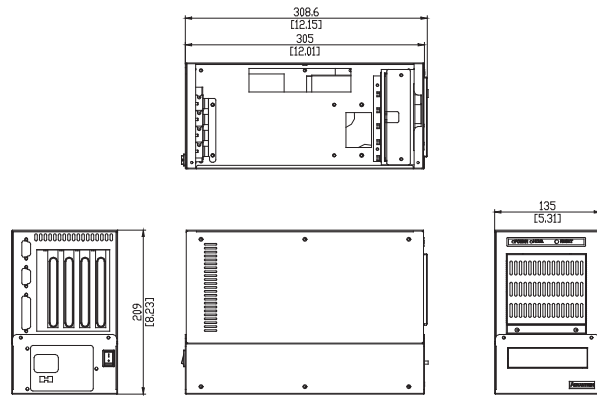
Upper cage to hold 4 half-sized cards

Lower deck for one 3.5" FDD, one internal 3.5" HDD & power supply



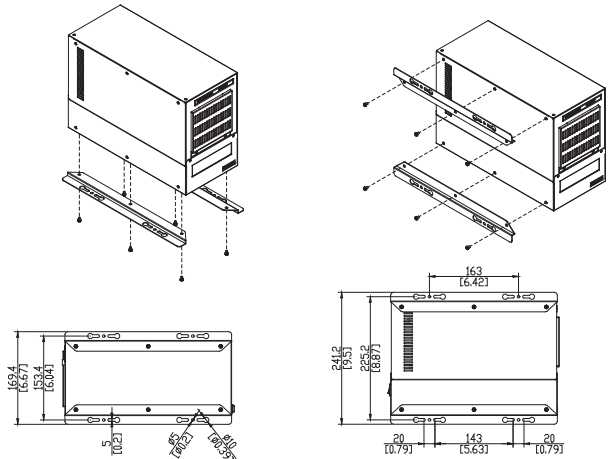
Easy-to-maintain cooling fan

Dimensions



Unit: mm (inch)

Installation



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000170G (ATX, PFC)	150 W	AC 115/230 V (selectable)	+5 V @ 15 A, +3.3 V @ 17 A, +12 V @ 8 A, -12 V @ 0.8 A, -5 V @ 0.5 A, +5 Vsb @ 2 A	+5 V @ 1 A +3.3 V @ 0.5 A, +12 V @ 2 A, +5 Vsb @ 0.1 A	UL/ TUV/CB	100,000 hrs @ 25° C

Accessories

Part Number	Description
1999806020	Fan filter 100 x 90 x 3 mm

Ordering Information

Part Number	Power Supply	Backplane	Regulation	Switch
IPC-644BP-15ZE	1757000170G	-	CE	AT
IPC-644-15ZE	1757000170G	PCA-6104-0C2E	CE	AT
IPC-644P4-15ZE	1757000170G	PCA-6104P4-0B2E	CE	AT

18
Industrial Motherboards

19
Single Board Computers

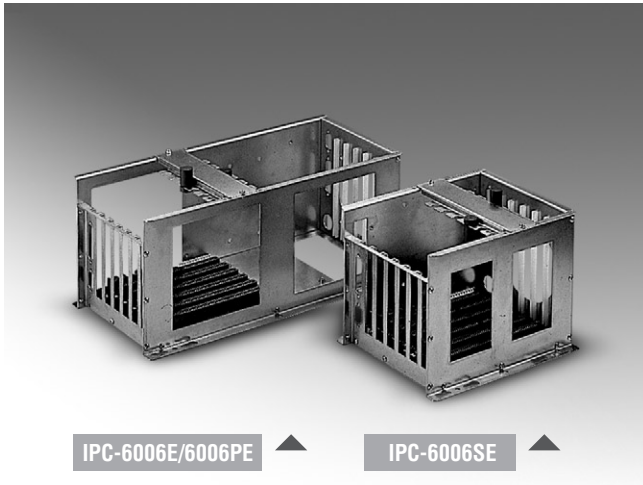
20
Industrial Computer Chassis

21
High Performance Computing

22
Industrial PC Peripherals

IPC-6006

6-slot Card Cage



Features

- Optimized open-frame card cage design for embedded systems
- Adjustable hold-down clamp protects cards from vibration
- Plug-in termination resistors for high-speed signals
- Terminal-block connectors supply power from board
- Supports 6-slot backplanes
- Mounting holes provided for installing one PS/2 power supply, one 3.5" HDD, and one cooling fan

Specifications

Model Name	IPC-6006E	IPC-6006PE	IPC-6006SE
Supported Backplanes	PCA-6106-0B2E PCA-6106P3-0D2E PCA-6106P4-0A2E PCA-6105P5-0B2E PCA-6105P3X-0A2E	PCA-6106P3-0D2E (included)	PCA-6106-0B2E PCA-6105P5-0B2E
Dimensions (W x H x D)	158 x 186 x 368 mm (6.2" x 7.3" x 14.5")	158 x 186 x 368 mm (6.2" x 7.3" x 14.5")	158 x 186 x 215 mm (6.2" x 7.3" x 8.4")
Weight	2.2 kg (4.8 lb)	2.5 kg (5.5 lb)	1.6 kg (3.5 lb)

Passive Backplane Options

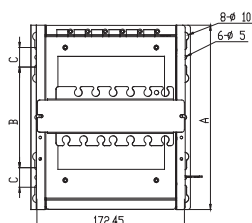
Part Number	Slot	Segment
PCA-6106-0B2E	6 ISA	Single
PCA-6106P3-0D2E	2 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6106P4-0A2E	4 PCI, 2 PICMG	Single
PCA-6105P5-0B2E	5 PCI	Single
PCA-6105P3X-0A2E	1 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG (64-bit)	Single

Ordering Information

Part Number	Description
IPC-6006E	Card cage with backplane PCA-6106
IPC-6006PE	Card cage with backplane PCA-6106P3
IPC-6006SE	Half-sized card cage with backplane PCA-6106
IPC-6006-BAREE	Card cage without backplane
IPC-6006S-BAREE	Half-sized card cage without backplane

Dimensions

Unit: mm (inch)



Dimensions	Unit: mm
IPC-6006	IPC-6006S
A	368
B	270
C	24

