Industrial Computer Chassis

ACP-1000

ACP-2000

IPC-602

ACP-4362

Selection Guide

Model Names			Rackmount Chassis				
			ACP-1000	ACP-2000	IPC-602	ACP-4362	ACP-4320
Height (1U = 1.75")			1U	2U	2U	4U	4U
Drive Bay	Slim CD-ROM		1	1	-	1	-
	3.5"	Front	1	2	1	6 (SATA) + 1	2 (SATA) + 1
		Internal	1	-	1	-	-
	5.25"		-	-	1	-	2
Front I/O	USB		Yes	Yes	Yes	Yes	Yes
	PS/2		Yes	Yes	Yes	No	No
Cooling	No. of Fans		4	2	2	3	2
	CFM		10	47	40	1 x 114 2 x 47	1 x 114 1 x 28
Power	AC		200 W ATX/PFC	300 W ATX/PFC	250 W ATX/PFC 300 W ATX/PFC 400 W ATX/PFC	400 W ATX/PFC 500 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC
	AC Redundant		-	300 W 1+1	-	400 W 1+1	300 W 1+1 400 W 1+1
	DC		-	300 W ATX/PFC	300 W ATX/PFC	-	300 W ATX/PFC
No. of slots/No. of full-sized cards			3/3	6/6	6/6	15/9	15/10
Passive Backplane Options	Single Segment	Pure ISA	-	-	-	PCA-6114-0B1	PCA-6114-0B1
		ISA/PCI/PICMG	PCA-6103P2V-0A1 PCA-6103P2VX-B2	PCA-6106P3V-0B1 PCA-6106P3VX-A1 PCA-6105P4V-0B2 PCA-6106P4V-0A1 PCA-6106P5V-0A1	PCA-6106P3V-0B1 PCA-6106P3VX-A1 PCA-6105P4V-0B2 PCA-6106P4V-0A1 PCA-6106P5V-0A1	PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1	PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1
		Pure PCI	-	-	-	-	-
	Dual/Quad Segments		-	-	-	PCA-6113DP4-0A1	PCA-6113DP4-0A1
System Fault Detection			-	Yes	-	Yes	Yes
Dimensions (W x H x D)	(mm)		482 x 44 x 497	482 x 88 x 450	482 x 88 x 450	482 x 177 x 478	482 x 177 x 478
	(inch)		19 x 1.7 x 19.6	19 x 3.5 x 17.7	19 x 3.5 x 17.7	19 x 7 x 18.8	19 x 7 x 18.8
Weight	(kg)		8.8	13.5	13.0	19.0	18.0
	(lb)		19.4	29.7	28.6	41.8	39.6
Reference Page			5-4	5-6	5-8	5-10	5-12

ACP-4000

IPC-630

IPC-610-H

IPC-610-L

IPC-610-F

IPC-611

IPC-615

Rackmount Chassis						
ACP-4000	IPC-630	IPC-610-H	IPC-610-L	IPC-610-F	IPC-611	IPC-615
4U	4U	4U	4U	4U	4U	4U
-	-	-	-	-	-	-
1	1	1	1	1	1	1
-	1	-	-	1	-	-
3	3	3	3	3	3	2
Yes	Yes	Yes	No	No	No	No
Yes	No	Yes	No	No	No	No
2	1	2	1	1	1	2
85	114	85	85	85	85	66 ~ 141
300 W ATX/PFC 400 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	250 W ATX/PFC 300 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC	250 W ATX/PFC 300 W ATX/PFC	300 W ATX/PFC 400 W ATX/PFC
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 ATX/PFC	300 W ATX/PFC	300 W ATX/PFC	-	300 W ATX/PFC	-	300 W ATX/PFC
14/11	15/10	14/11	14/11	14/10	14/11	15/15
PCA-6114-0B1	PCA-6114-0B1	PCA-6114-0B1	PCA-6114-0B1	PCA-6114-0B1	PCA-6114-0B1	PCA-6115-0B1
PCA-6114P4-C PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1	PCA-6114P4-C PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1	PCA-6114P4-C PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1	PCA-6114P4-C PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1	PCA-6114P4-C PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1	PCA-6114P4-C PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1	PCA-6114P4-C PCA-6113P4R-0C1 PCA-6114P7-0D2 PCA-6113P7X PCA-6114P10-B PCA-6114P12-0B2 PCA-6114P12X-A1
-	-	-	-	-	-	-
PCA-6113DP4-0A1	PCA-6113DP4-0A1	PCA-6113DP4-0A1	PCA-6113DP4-0A1	PCA-6113DP4-0A1	PCA-6113DP4-0A1	PCA-6113DP4-0A1
Yes	Yes	-	-	-	-	Yes
482 x 177 x 478	482 x 177 x 497	482 x 177 x 478	482 x 177 x 478	482 x 177 x 452	482 x 177 x 478	482 x 177 x 480
19 x 7 x 18.8	19 x 7 x 19.6	19 x 7 x 18.8	19 x 7 x 18.8	19 x 7 x 17.8	19 x 7 x 18.8	19 x 7 x 18.9
18.0	18.0	17.0	16.5	18.0	16.5	20.0
39.6	39.6	37.4	36.3	39.6	36.3	44.0
5-14	5-16	5-18	5-20	5-22	5-24	5-26

Industrial Computer Chassis

IPC-623

ACP-5260

IPC-622

ACP-7000

IPC-6908

Selection Guide

Model Names			Rackmount Chassis				Wallmount Chassis
			IPC-623	ACP-5260	IPC-622	ACP-7000	IPC-6908
Height (1U = 1.75")			4U	5U	6U	7U	
Drive Bay	Slim CD-ROM		-	1	-	1	-
	3.5"	Front	1	6 (SCSI) + 1	-	6 (SCSI) + 1	1
		Internal	1	-	2	-	1
	5.25"		3	1	4	2	2
Front I/O	USB		No	Yes	Yes	Yes	No
	PS/2		No	Yes	No	Yes	No
Cooling	No. of Fans		3	7	4	6	2
	CFM		114	2 x 47 3 x 114 2 x 25	53	4 x 58 2 x 47	53
Power	AC		400 W ATX/PFC 500 W ATX/PFC	-	400 W ATX/PFC 500 W ATX/PFC	-	250 W ATX/PFC 300 W ATX/PFC 400 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		-	-	-	-	300 W ATX/PFC
No. of slots/No. of full-sized cards			20/20	20/20	20/20	20/20	8/8
Passive Backplane Options	Single Segment	Pure ISA	PCA-6120-0B1	PCA-6120-0B1	PCA-6120-0B1	PCA-6120-0B1	PCA-6108E-0C1
		ISA/PCI/PICMG	PCA-6120P4-0B1 PCA-6119P7-0B1 PCA-6120P12-0A1 PCA-6119P17-0B1 PCA-6120P18-0A1 PCA-6119P16X	PCA-6120P4-0B1 PCA-6119P7-0B1 PCA-6120P12-0A1 PCA-6119P17-0B1 PCA-6120P18-0A1 PCA-6119P16X	PCA-6120P4-0B1 PCA-6119P7-0B1 PCA-6120P12-0A1 PCA-6119P17-0B1 PCA-6120P18-0A1 PCA-6119P16X	PCA-6120P4-0B1 PCA-6119P7-0B1 PCA-6120P12-0A1 PCA-6119P17-0B1 PCA-6120P18-0A1 PCA-6119P16X	PCA-6108P4-C PCA-6108P6-0B3 PCA-6108P3X-0A1 PCA-6108P6X-0A1
		Pure PCI	-	-	-	-	PCA-6108P8-0A1
	Dual/Quad Segments		PCA-6120D-0B1 PCA-6120Q-0B1 PCA-6118DP7-0B1 PCA-6120DP4-0B1 PCA-6116QP2 PCA-6115QP2X-A1	PCA-6120D-0B1 PCA-6120Q-0B1 PCA-6118DP7-0B1 PCA-6120DP4-0B1 PCA-6116QP2 PCA-6115QP2X-A1	PCA-6120D-0B1 PCA-6120Q-0B1 PCA-6118DP7-0B1 PCA-6120DP4-0B1 PCA-6116QP2 PCA-6115QP2X-A1	PCA-6120D-0B1 PCA-6120Q-0B1 PCA-6118DP7-0B1 PCA-6120DP4-0B1 PCA-6116QP2 PCA-6115QP2X-A1	-
System Fault Detection			Yes	Yes	Yes	Yes	Yes
Dimensions (W x H x D)	(mm)		482 x 177 x 657	482 x 222 x 660	482 x 266 x 463	482 x 307 x 500	200 x 300 x 463
	(inch)		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	7.9 x 11.8 x 18.2
Weight	(kg)		26.0	30.0	30.0	35.0	13.0
	(lb)		57.0	66.0	66.0	77.0	28.6
Reference Page			5-28	5-30	5-32	5-34	5-36

IPC-6608

IPC-6806

IPC-6606

IPC-644

IPC-6006

Wallmount Chassis				
IPC-6608	IPC-6806	IPC-6606	IPC-644	IPC-6006
-	-	-	-	-
1	1	1	1	-
-	1	1	1	-
2	1 (IPC-6806W) 0 (IPC-6806/6806S)	1	-	-
No	Yes (IPC-6806W & IPC-6806S only)	No	No	No
No	No	No	No	No
1	1	1	2	-
85	58 (IPC-6806W) 53 (IPC-6806/6806S)	53	1 x 53 1 x 14	-
250 W ATX/PFC 300 W ATX/PFC	150 W (IPC-6806S) 200 W (IPC-6806) 300 W (IPC-6806W)	250 W ATX/PFC 300 W ATX/PFC	150 W ATX/PFC	-
-	-	-	-	-
-	-	-	-	-
8/8	6/0 (IPC-6806S) 6/6 (IPC-6806/6806W)	6/6	4/0	6/6 (IPC-6006/6006P) 6/0 (IPC-6006S)
PCA-6108E-0C1	PCA-6106-B	PCA-6106-B	PCA-6104-0C1	PCA-6106-B
PCA-6108P4-C PCA-6108P6-0B3 PCA-6108P3X-0A1 PCA-6108P6X-0A1	PCA-6106P3-0C1 PCA-6105P3X-0A1 PCA-6105P4-0B1 PCA-6106P4-0A1	PCA-6106P3-0C1 PCA-6105P3X-0A1 PCA-6105P4-0B1 PCA-6106P4-0A1	-	PCA-6106P3-0C1 PCA-6105P3X-0A1 PCA-6105P4-0B1 PCA-6106P4-0A1
PCA-6108P8-0A1	PCA-6105P5-0B1	PCA-6105P5-0B1	PCA-6104P4-0B1	PCA-6105P5-0B1
-	-	-	-	-
-	-	-	-	-
173 x 315 x 410	191 x 170 x 285 (IPC-6806S) 166 x 170 x 393 (IPC-6806) 198 x 213 x 393 (IPC-6806W)	173 x 254 x 396	135 x 209 x 305	158 x 186 x 368 (IPC-6006/6006P) 158 x 186 x 215 (IPC-6006S)
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)	6.8 x 10 x 15.6	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)
11.0	6 ~ 8	9.0	5.0	2.2 (IPC-6006/6006P) 1.6 (IPC-6006S)
24.2	13.2 ~ 17.6	19.8	11.4	4.8 (IPC-6006/6006P) 3.5 (IPC-6006S)
5-38	5-40	5-42	5-44	5-47

ACP-1000

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

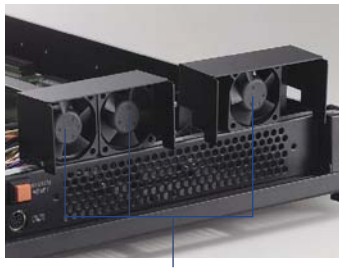
Features

- Compact 1U-high rackmount chassis, ideal building block for business expansion
- Easy-to-install disk drive bay to hold a slim-type 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

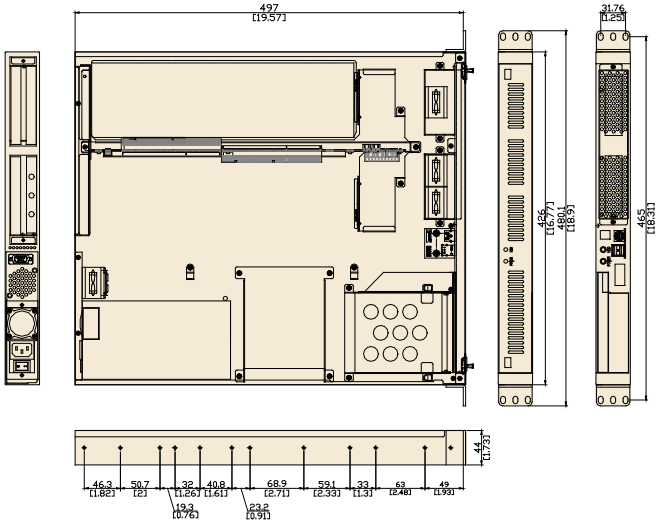
CE

Specifications

Drive Bay		Front-accessible	Internal
	Slim CD-ROM	1	-
	3.5"	1	1
Cooling		Front-accessible	Rear Panel
	Fan	3 (10 CFM each)	1 (10 CFM)
	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	Reserved one 9-pin D-SUB opening	
	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)	482 x 44 x 497 mm (19" 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
1757920000 (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

Accessories

Part Number	Description
1750000242	Low profile P4 socket 478 CPU cooler up to 2.5 GHz (0.13 micron)
1759214200	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-B	Black 3.5" FDD
96SCD-24X-I-OD-B	Black slim-type 24X CD-ROM
96SDVR-8X-I-QS-B	Black slim-type 24X/8X/24X DVDRW-ROM

Butterfly backplane design supports two full-length 64-bit PCI expansions

Ordering Information

Part Number	Power Supply	Backplane	Regulation
ACP-1000P2-20Z	1757920000	PCA-6103P2V-0A1 (Two 32-bit PCI slot for expansion)	CE
ACP-1000X2-20Z	1757920000	PCA-6103P2VX-B2 for 64-bit Full-Sized CPU Cards only (Two 64-bit PCI slot for expansion)	CE

Rear-end 10 CFM cooling fan

ACP-2000

2U Rackmount Chassis with Four 64/32-bit PCI Slots

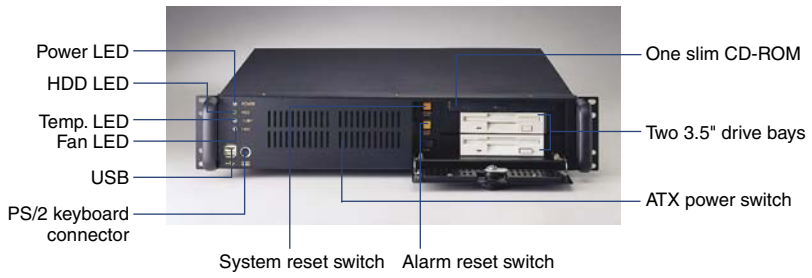
Features

- Compact 2U-high rackmount chassis, ideal building block for business expansion
- Shock-resistant disk drive bay holds one slim CD-ROM and two 3.5" disk drives for data mirroring
- Front-accessible USB and PS/2 ports for easy data transfer
- Butterfly backplane design supports up to four 64/32-bit PCI cards
- Reserved 9-pin D-sub opening at rear for external COM or LAN connection
- Flexible mechanical design supports 300 W ATX PFC PS/2 power supply and 300 W ATX PFC redundant power supply
- Special in-chassis modular design allows users to maintain the system with minimum downtime

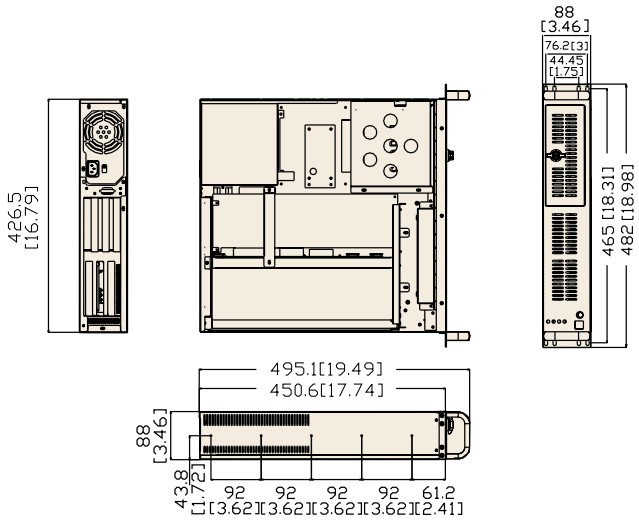
CE

Specifications

Drive Bay		Front-accessible	
	Slim CD-ROM	1	
	3.5"	2	
Cooling	Fan	2 (47 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	Rear Panel	Reserved one 9-pin D-sub opening	
	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)	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)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 450 mm (19" x 3.46" x 17.7")	
	Weight	13.5 kg (29.7 lb)	



Dimensions



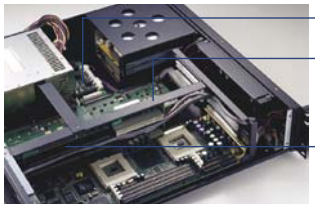
Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (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-Z (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 @ 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 +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-DC48 (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 +12V @ 0.2 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Accessories

Part Number	Description
SCD-ROM	Black slim-type 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRW	Black slim-type 8X DVD + 24X CD-RW with 40-pin IDE connector
96FDD-144-TE-B	Black 3.5" FDD
1999000630	Fan filter 162 x 54 x 5 mm
199902K000	Door filter



Alarm board

Hold-down brackets for both SBC and full-length cards

Butterfly backplane design supports 3-slot or 4-slot PCI expansion

Ordering Information

Part Number	Power Supply	Backplane	Regulation
ACP-2000P3-00X	Without power supply, with ATX switch	PCA-6106P3V-0B1	None
ACP-2000P3-30Z	PS-300ATX-ZB	PCA-6106P3V-0B1	CE
ACP-2000P3-30R	RPS-300ATX-Z	PCA-6106P3V-0B1	CE
ACP-2000P4-00X	Without power supply, with ATX switch	PCA-6105P4V-0B2	None
ACP-2000P4-30Z	PS-300ATX-ZB	PCA-6105P4V-0B2	CE
ACP-2000P4-30R	RPS-300ATX-Z	PCA-6105P4V-0B2	CE

Redundant power supply

Special modular design allows users to maintain the system with minimum downtime

IPC-602

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

Features

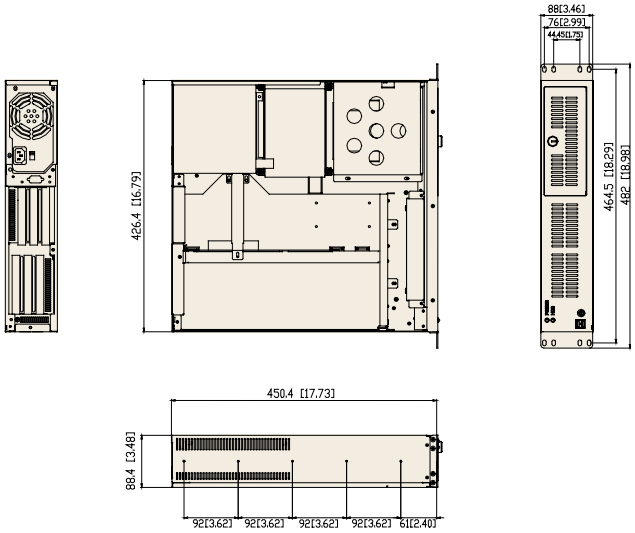
- 2U-high 6-slot rackmount chassis
- Supports one 5.25" and two 3.5" disk drives (one front-accessible and one internal)
- Butterfly backplane design
- Front-accessible USB and PS/2 connectors
- 250 W/300 W AC ATX and DC power supply options
- Two 40-CFM cooling fans with air filter
- Recommended CPU cards for optimum integration
- Lockable front door prevents unauthorized access

CE

Specifications

Drive Bay		Front-accessible	Internal
	3.5"	1	1
	5.25"	1	-
Cooling	Fan	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	LED displays for power status and HDD activity	
	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)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 450 mm (19" x 3.5" x 17.7")	
	Net Weight	10.7 kg (23.6 lb)	
	Gross Weight	13.0 kg (28.6 lb)	

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-Z (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 @ 1.5 A +12 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
PS-300ATX-ZB (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-ZB (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-DC48 (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
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)
1759214200	Low profile P4 CPU cooler up to 2.8 GHz (0.13 micron 70 W)
1999000630	Fan filter 162 x 54 x 5 mm
199902K000	Door filter
96CD-52X-I-AS-B2	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
SCD COMBO	Black 5.25" compact storage kit with slim 24X CD-ROM and a 3.5" drive bay for FDD or HDD
SDVD-COMBO	Black 5.25" compact storage kit with slim-type 8X DVD + 24X CD-RW and a 3.5" drive bay for HDD/FDD
SCD-FDD-COMBO	Black 5.25" storage kit with slim 24X CD-ROM and standard 3.5" black FDD
SDVD-FDD-COMBO	Black 5.25" storage kit with slim-type 8X DVD + 24X CD-RW and standard 3.5" FDD

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-602P3-00XB	Without power supply, with ATX switch	PCA-6106P3V-0B1	None
IPC-602P3-25ZB	PS-250ATX-Z	PCA-6106P3V-0B1	CE
IPC-602P3-30ZB	PS-300ATX-ZB	PCA-6106P3V-0B1	CE
IPC-602P4-00XB	Without power supply, with ATX switch	PCA-6105P4V-0B2	None
IPC-602P4-25ZB	PS-250ATX-Z	PCA-6105P4V-0B2	CE
IPC-602P4-30ZB	PS-300ATX-ZB	PCA-6105P4V-0B2	CE

ACP-4362

4U Rackmount Chassis with 6 Hot Swap SATA Trays for RAID

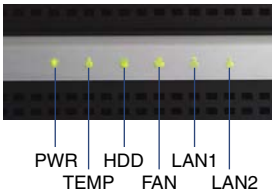
Features

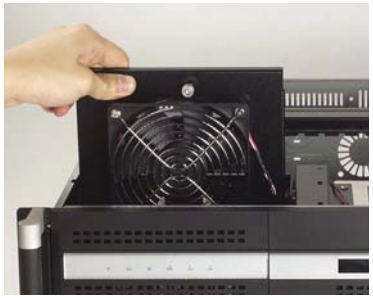
- New generation of 4U general-purpose IPC chassis with latest series industrial PC design
- Supports up to six hot swap SATA HDDs, which can be used for RAID applications
- Supports either an ATX motherboard or a backplane with up to 15 slots
- Supports one slim-type CD-ROM and one 3.5" FDD or internal HDD
- Viewable front indicators for LAN connectivity and alarm notification of redundant power supply, HDD activity, system fan & in-chassis temperature
- Reusable, front-accessible fan filter for easy system maintenance
- Supports front USB interface
- Lockable front door prevents unauthorized access
- Versatile power supply options from single PS/2 400 W/500 W to redundant 400 W power supply

CE

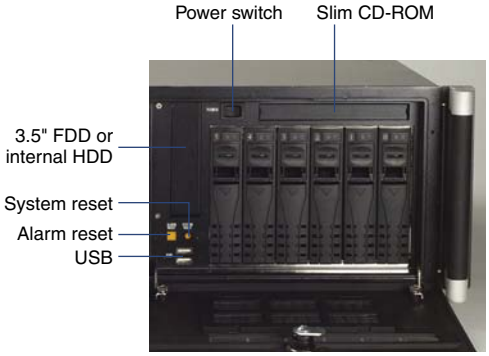
Specifications

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, TEMP, LAN1 and LAN2 Six SATA HDD trays: HDD power on/off and activity	
	Openings on real 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 478 mm (19" x 7" x 18.8")	
	Weight	19.0 kg (41.8 lb)	



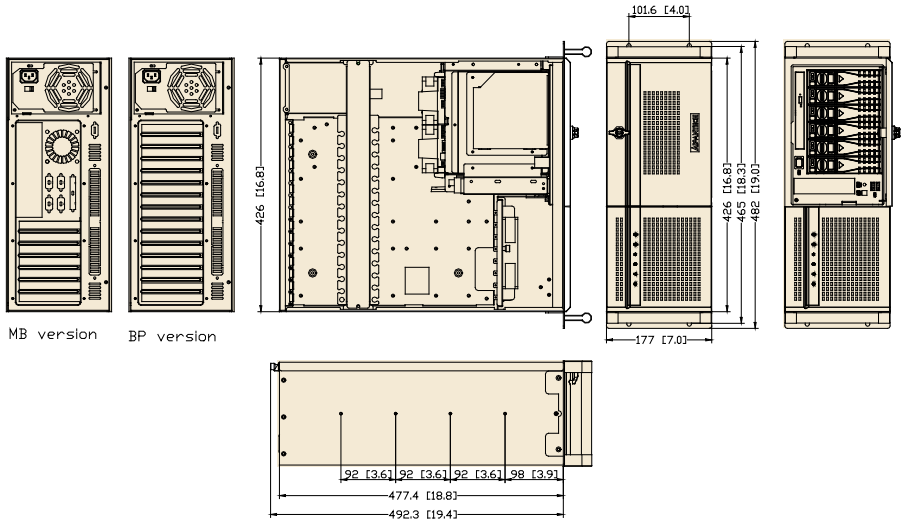


Easy-to-maintain system fan



Six hot-swap SATA HDD trays

Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-400ATX-ZB (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-Z (ATX, PFC)	500 W	AC 100 ~ 240 V (full-range)	+5 V @ 50 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/cUL/TUV/CB/CCC	98,000 hrs @ 25° C
RPS-400ATX-Z (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

Passive Backplane Options

Part Number	Slots	Segment
PCA-6114-0B1	14 ISA	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PCI (64-bit), 1 PICMG/PCI, 1 PICMG	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 1 PICMG/PCI, 3 PICMG	Dual

Accessories

Part Number	Description
9680001857	PCI-X eight-port SATA RAID card
9680001858	PCI-E x8 eight-port SATA RAID card
96FDD-144-TE-B	Black 3.5" FDD
SCD-ROM	Black slim-type 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRW	Black slim-type 8X DVD + 24X CD-ROM drive with 40-pin IDE connector

* When configuring a ACP-4362MB system, it is recommened to use Advantech's AIMB-744 motherboard to provide a PCI-X slot for the PCI-X SATA RAID card.

Ordering Information

Part Number	With Power Supply	Mother Board/ Backplane	Regulation
MB version			
ACP-4362MB-00X	Without power supply with ATX switch	Without	None
ACP-4362MB-40Z	PS-400ATX-ZB	Without	CE
ACP-4362MB-50Z	PS-500ATX-Z	Without	CE
ACP-4362MB-40R	RPS-400ATX-Z	Without	CE
BP version			
ACP-4320BP-00X	Without power supply with ATX switch	Without	None
ACP-4362BP-40Z	PS-400ATX-ZB	Without	CE
ACP-4362BP-50Z	PS-500ATX-ZB	Without	CE
ACP-4362BP-40R	RPS-400ATX-Z	Without	CE

Rear view of ACP-4362MB

ACP-4320

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

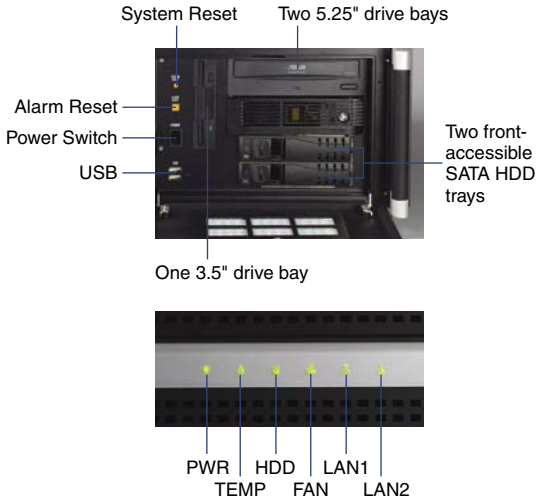
CE

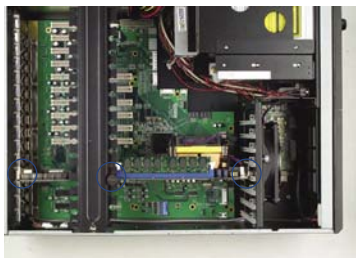
Features

- New generation of 4U general-purpose IPC chassis with latest series industrial PC 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
- Viewable 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

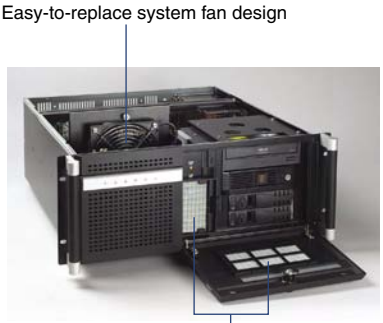
Specifications

Drive Bay		Front-accessible	
	5.25"	2	
	3.5"	2 SATA HDDs + 1	
Cooling	Fan	1 x 114 CFM, 1 x 28 CFM	
	Air Filters	Yes	
I/O interfaces	USB	2 (front-accessible)	
Miscellaneous	Notification LEDs	PWR, HDD, FAN, TEMP, LAN1 and LAN2	
	Openings on real 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 54 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	18.0 kg (39.6 lb)	

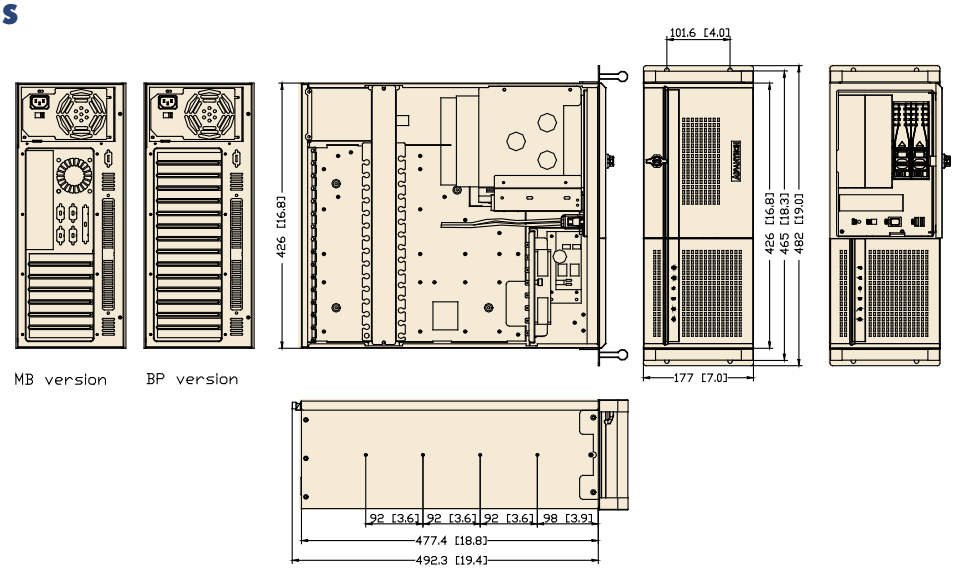




Enhanced anti-vibration mechanical design for PICMG 1.3 full-sized CPU card



Dimensions



Unit: mm (inch)

Power supply

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (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-ZB (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-Z (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-Z (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6114-0B1	14 ISA	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PCI (64-bit), 1 PICMG/PCI, 1 PICMG	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 1 PICMG/PCI, 3 PICMG	Dual

Ordering Information

Part Number	With Power Supply	Mother Board/ Backplane	Regulation
MB version			
ACP-4320MB-00X	Without power supply with ATX switch	Without	None
ACP-4320MB-30Z	PS-300ATX-ZB	Without	CE
ACP-4320MB-40Z	PS-400ATX-ZB	Without	CE
ACP-4320MB-30R	RPS-300ATX-Z	Without	CE
BP version			
ACP-4320BP-00X	Without power supply with ATX switch	Without	None
ACP-4320BP-30Z	PS-300ATX-ZB	Without	CE
ACP-4320BP-40Z	PS-400ATX-ZB	Without	CE
ACP-4320BP-30R	RPS-300ATX-Z	Without	CE

Rear view of ACP-4320BP-30R

Rear view of ACP-4320MB

ACP-4000

4U 14-slot Rackmount Chassis with Visible & Audible Alarm Notification

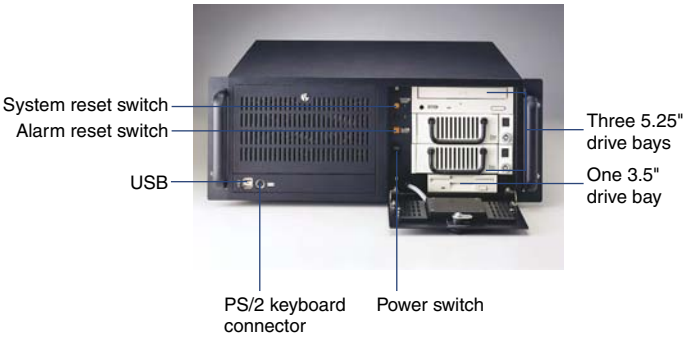
Features

- 4U-high mountable 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
- Special hold-down clamp design with rubber cushions protects the cards from harsh environments and any unexpected shocks
- User-friendly and front-accessible filter for easy system maintenance
- Lockable front door prevents unauthorized access
- Flexible mechanical design supports both 300 W single PS/2 and redundant ATX power supply

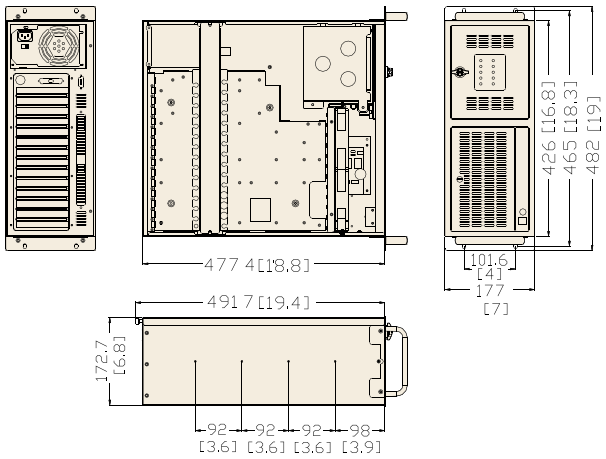
CE

Specifications

Drive Bay		Front-accessible	
	3.5"	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	
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)	
	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
Physical Characteristics	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



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (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-ZB (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-Z (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-DC48	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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113 P7X	4 ISA, 7PCI, 2 PICMG	Single
PCA-6114-0B1	14 ISA	Single
PCA-6114P12X-A1	1 ISA, 11 PCI, 1 PICMG,1 PICMG/PCI	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI	Dual

Ordering Information

Part Number	Power Supply	Backplane	Regulation
ACP-4000BP-00X	Without power supply, with ATX switch	-	None
ACP-4000BP-30Z	PS-300ATX-ZB	-	CE
ACP-4000BP-40Z	PS-400ATX-ZB	-	CE
ACP-4000BP-30R	RPS-300ATX-Z	-	CE

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-B	Black 3.5" FDD
96CD-52X-I-AS-B2	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM

IPC-630

4U Rackmount Chassis for General Purpose Industrial Applications

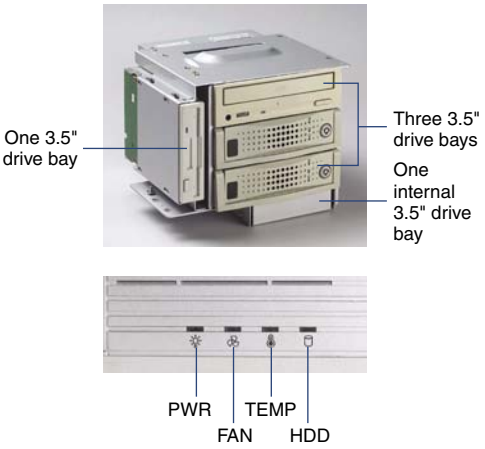
Features

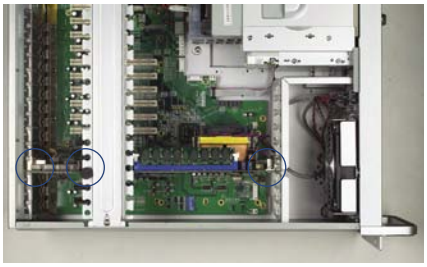
- New generation of IPC-610 chassis with world-class design
- Supports either an ATX motherboard or a backplane with up to 15 slots
- Shock-resistant drive bay design supports up to three 5.25" and two 3.5" (one external & one internal) disk drives
- Viewable front indicators for alarm notification of 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 supply

CE

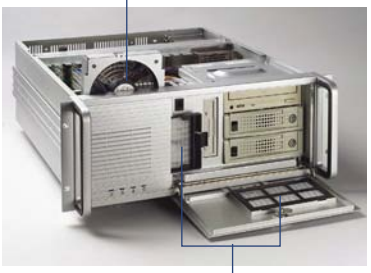
Specifications

Drive Bay		Front-accessible	Internal
	5.25”	3	
	3.5”	1	1
Cooling	Fan	1 x 114 CFM	
	Air Filters	Yes	
I/O interfaces	USB	2 (front-accessible)	
Miscellaneous	Notification LEDs	PWR, HDD, FAN & TEMP	
	Openings on real 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)	482 x 177 x 497 mm (19" x 7" x 19.6")	
	Weight	18.0 kg (39.6 lb)	

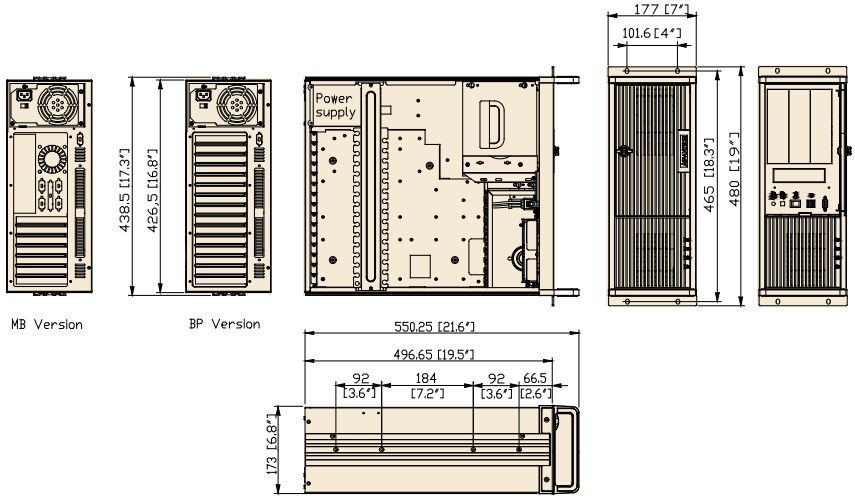




Enhanced anti-vibration mechanical design for PICMG 1.3 full-sized CPU card



Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (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-ZB (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-Z (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-Z (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6114-0B1	14 ISA	Single
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PCI (64-bit), 1 PICMG/PCI, 1 PICMG	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 1 PICMG/PCI, 3 PICMG	Dual

Ordering Information

Part Number	With Power Supply	Mother Board/ Backplane	Regulation
MB version			
IPC-630MB-00X	Without power supply with ATX switch	Without	None
IPC-630MB-30Z	PS-300ATX-ZB	Without	CE
IPC-630MB-40Z	PS-400ATX-ZB	Without	CE
IPC-630MB-30R	RPS-300ATX-Z	Without	CE
BP version			
IPC-630BP-00X	Without power supply with ATX switch	Without	None
IPC-630BP-30Z	PS-300ATX-ZB	Without	CE
IPC-630BP-40Z	PS-400ATX-ZB	Without	CE
IPC-630BP-30R	RPS-300ATX-Z	Without	CE

IPC-610-H

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

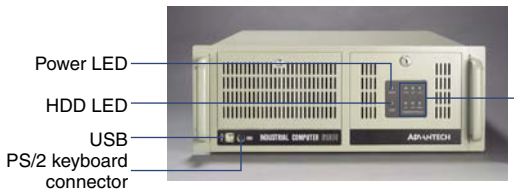
CE

Features

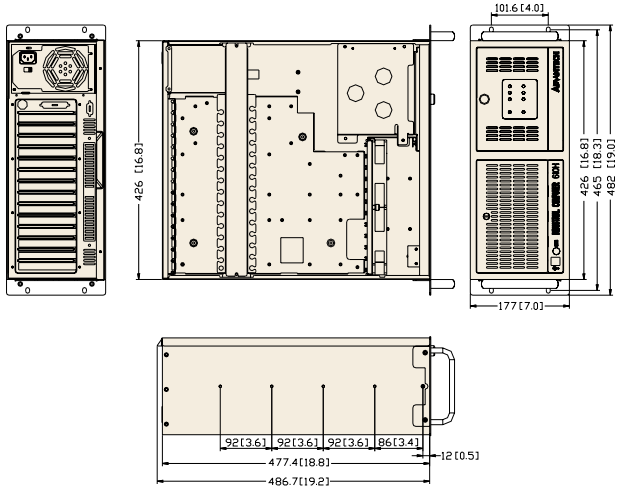
- 4U-high rackmount chassis supports up to 14 cards
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Front accessible USB & PS/2 interfaces for easy data transferring
- Dual front-accessible filtered cooling fans provide optimal, streamlined airflow
- Special 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
- Lockable front door prevents unauthorized access
- Flexible mechanical design supports both 300 W 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)	
	Air Filter	Yes	
I/O Interface	USB	2	
	PS/2	PS/2 Keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board	
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 msec 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 kg (37.4 lb)	



Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-Z (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-ZB (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-Z (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

Passive Backplane Options

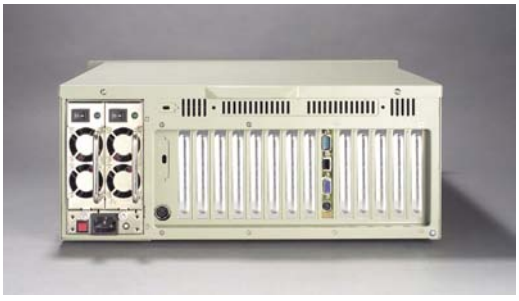
Part Number	Slot	Segment
PCA-6114-0B1	14 ISA	Single
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI(64-bit), 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PC I (64-bit), 1 PICMG/PCI, 1 PICMG	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI	Dual

Accessories

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

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-610BP-00XH	Without power supply, with ATX switch	-	None
IPC-610BP-25ZH	PS-250ATX-Z	-	CE
IPC-610BP-30ZH	PS-300ATX-ZB	-	CE
IPC-610BP-30RH	RPS-300ATX-Z	-	CE



Rear panel of backplane with redundant power supply

IPC-610-L

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

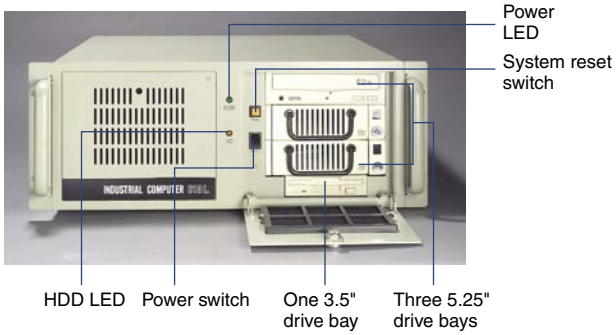
CE

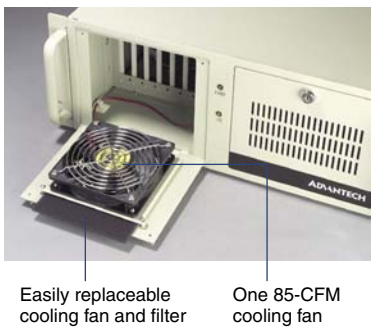
Features

- 4U-high rackmount chassis supports either an ATX motherboard or an up to 14-slot backplane
- 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

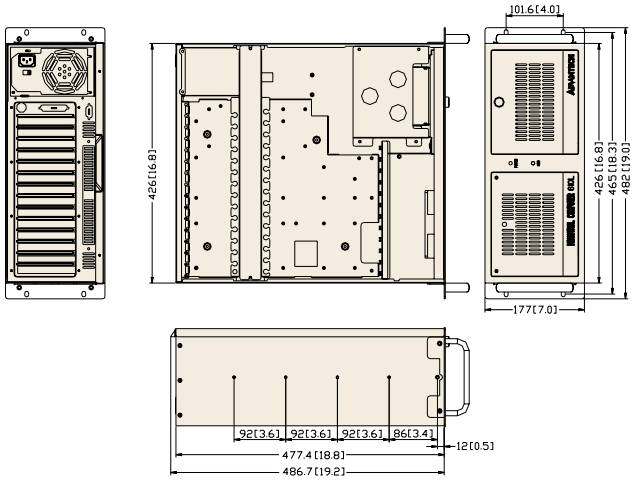
Specifications

Drive Bay		Front-accessible	
	3.5"	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 & HDD activity	
	Rear Panel	BP version: One D-Sub 9-pin opening MB version: Five D-Sub 9-pin & one 68-pin SCSI 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 msec 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	16.5 kg (36.3 lb)	





Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-Z (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-ZB (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6114-0B1	14 ISA	Single
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PCI (64-bit), 1 PICMG/PCI, 1 PICMG	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI	Dual

Ordering Information

Part Number	Power Supply	Backplane/ Motherboard	Regulation
BP version			
IPC-610BP-00L	Without power supply, with ATX/AT switch both	-	None
IPC-610BP-25ZL	PS-250ATX-Z	-	CE
IPC-610BP-30ZL	PS-300ATX-ZB	-	CE
MB version			
IPC-610MB-00XL	Without power supply, with ATX switch	-	None
IPC-610MB-25ZL	PS-250ATX-Z	-	CE
IPC-610MB-30ZL	PS-300ATX-ZB	-	CE

Accessories

Part Number	Description
1999001030	Fan filter 127 x 127 x 5 mm
1999611000	Door filter 142 x 97 x 5 mm

IPC-610-F

4U 14-slot Rackmount Chassis with ATX Motherboard Option

Features

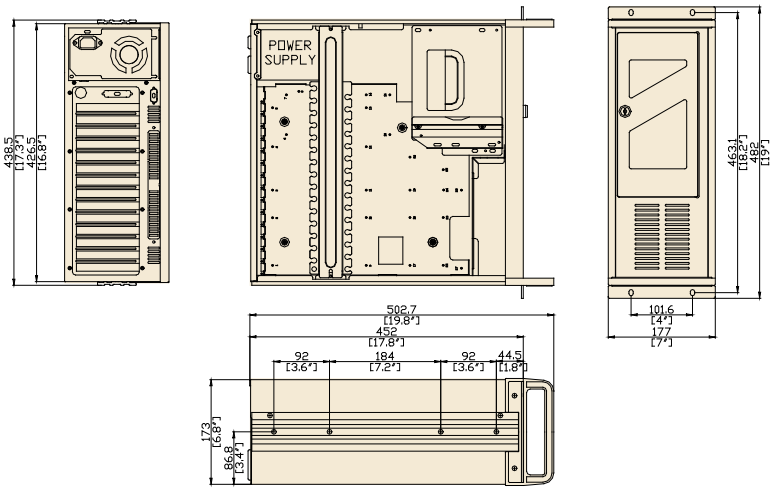
- 4U-high rackmount chassis supports up to 14 cards.
- Shock-resistant disk drive bay design holds up to three 5.25" and two 3.5" (one external & one internal) disk drives
- Special hold-down clamp design with rubber cushions protects the cards from harsh environments and any unexpected shocks
- Visible 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

CE

Specifications

Drive Bay		Front-accessible	Internal
	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)	

Dimensions



Unit: mm (inch)

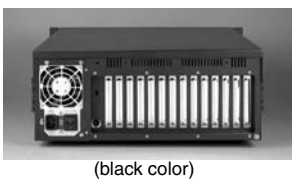
Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-Z (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-ZB (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-ZB (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-DC48	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-Z	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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6114-0B1	14 ISA	Single
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA,10 PCI, 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PC I (64-bit), 1 PICMG/PCI, 1 PICMG	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI	Dual

*Rear I/O window is separately installed to support the ATX motherboard



(black color)

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-610BP-00XF	Without power supply, with ATX switch	-	None
IPC-610MB-00XF	Without power supply, with ATX switch	(Motherboard version)	None
IPC-610MB-30ZF	PS-300ATX-ZB	(Motherboard version)	CE
IPC-610BP-30RF	RPS-300ATX-Z	-	CE
IPC-610BP-30ZF	PS-300ATX-ZB	-	CE
IPC-610BP-40ZF	PS-400ATX-ZB	-	CE
IPC-610P4-30ZF	PS-300ATX-ZB	PCA-6114P4-C	CE
Black Color Chassis Options			
IPC-610BP-00XFB	Without power supply	-	None
IPC-610BP-30ZFB	PS-300ATX-ZB	-	CE
IPC-610MB-00XFB	Without power supply	(Motherboard version)	None
IPC-610MB-30ZFB	PS-300ATX-ZB	(Motherboard version)	CE

IPC-611

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

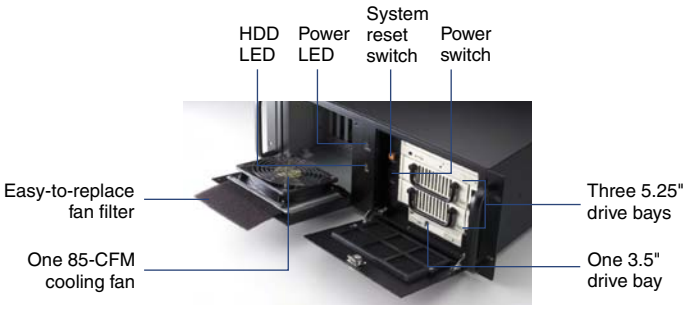
Features

- 4U-high rackmountable 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

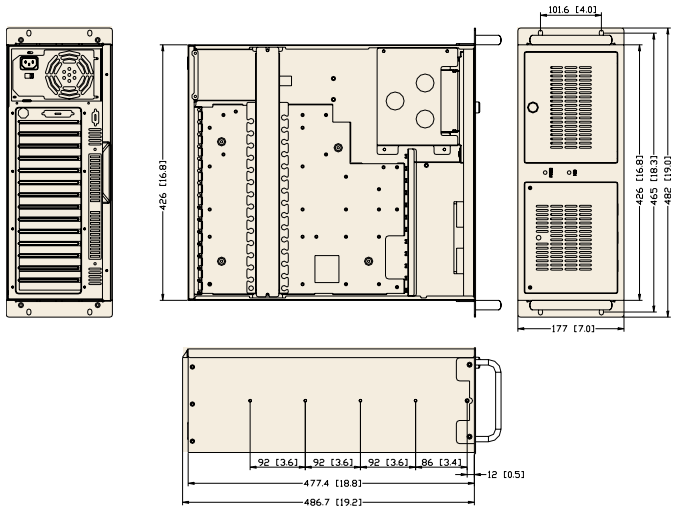
CE

Specifications

Drive Bay		Front-accessible	
	3.5"	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	LED displays for 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 msec duration, 1/2 sine wave)	30 G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28° C (-4 ~ 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	16.5 kg (36.3 lb)	



Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-Z (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-ZB (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-Z (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-DC48	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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6113P4R-0C1	7 ISA, 4 PCI, 2 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6114-0B1	14 ISA	Single
PCA-6114P12X-A1	1 ISA, 11 PCI, 1 PICMG, 1 PICMG/ PCI	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI	Dual

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-B	Black 3.5" FDD
96CD-52X-I-AS-B2	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	Backplane	Regulation
IPC-611BP-00X	Without power supply, with ATX switch	-	None
IPC-611BP-25Z	PS-250ATX-Z	-	CE
IPC-611P4-25Z	PS-250ATX-Z	PCA-6114P4-C	CE
IPC-611BP-30Z	PS-300ATX-ZB	-	CE

Rear panel of backplane version

IPC-615

4U Rackmount Chassis for 15 Full-length Cards

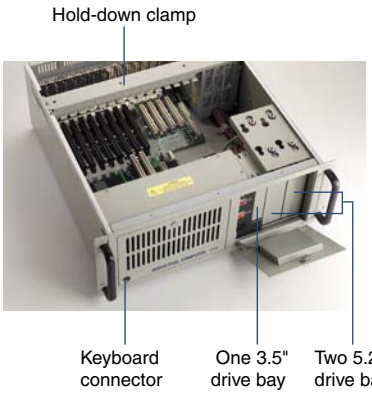
Features

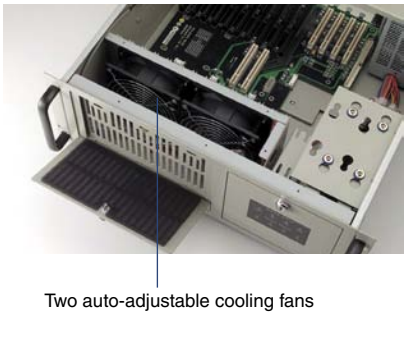
- 4U-high rackmount chassis supporting up to 15 full-length cards
- Special hold-down clamp design with rubber cushions protects the cards from all kinds of unexpected shocks
- Front LEDs indicate the system health, such as; power status, fan operation, in-chassis temperature and HDD activity
- Dual self-adjustable cooling fans speed up or down according to in-chassis temperature
- Lockable front door prevents unauthorized access
- 300 W/400 W AC and 300 W DC power supply options

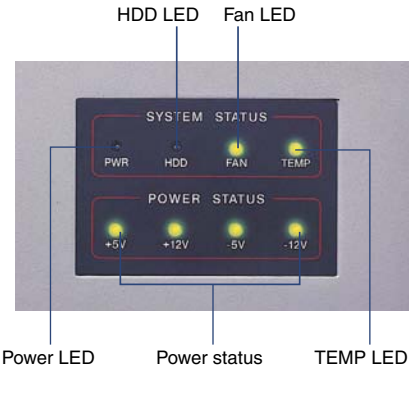
CE

Specifications

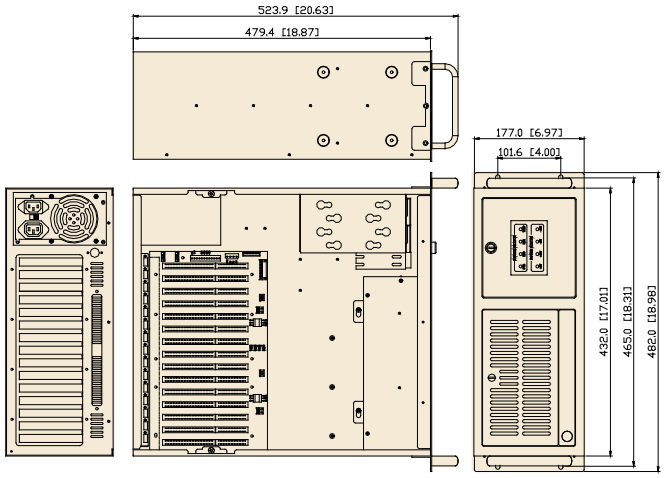
Drive Bay		Front-accessible
	3.5"	1 (vertical)
	5.25"	2 (vertical)
Cooling	Fan	2 (66 ~ 141 CFM, auto-adjustable/each)
	Air Filter	Yes
Miscellaneous	Hold-down Clamp	Hold-down clamp with rubber cushions
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 480 mm (19" x 7" x 18.9")
	Weight	20 kg (44 lb)







Dimensions



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (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-ZB (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 @ 2 A +3.3 V @ 1 A	UL/TUV/CB/CCC	91,000 hours @ 25° C
PS-300ATX-DC48 (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6114P4-C	8 ISA, 4 PCI, 2 PICMG	Single
PCA-6114P7-0D2	4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA	Single
PCA-6114P10-B	2 ISA, 10 PCI, 2 PICMG	Single
PCA-6114P12-0B2	1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6113P7X	4 ISA, 7 PCI (64-bit), 2 PICMG	Single
PCA-6113P4R-0C1	7 ISA, 7PCI, 2 PICMG	Single
PCA-6114P12X-A1	1 ISA, 11 PCI, 1 PICMG, 1 PICMG/PCI	Single
PCA-6115-0B1	15 ISA	Single
PCA-6113DP4-0A1	2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI	Dual

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-615BP-00XB	Without power supply, with ATX switch	-	None
IPC-615BP-30ZB	PS-300ATX-ZB	-	CE
IPC-615BP-40ZB	PS-400ATX-ZB	-	CE

Accessories

Part Name	Description
1999615000	Fan filter 115 x 195 x 5 mm

IPC-623

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

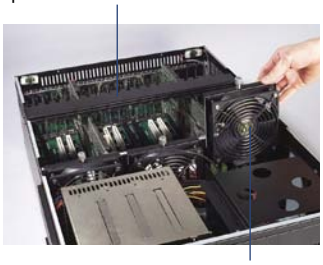
Features

- 4U-high 20-slot rackmount chassis, supports up to 4 multi-systems in a single chassis
- Front-accessible redundant power supply
- Shockproof disk drive bay design can hold up to three front-accessible 5.25" and one 3.5" disk drives, and one internal 3.5" HDD
- 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 redudant power supply with dual AC input options

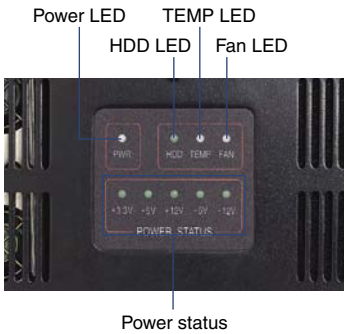
CE

Specifications

Drive Bay		Front-accessible	Internal
	3.5"	1	1
	5.25"	3	-
Cooling	Fans	3 (hot-swap, 114 CFM/each)	
	Air Filters	4 (200 mm x 45 mm) + 1 (128 mm x 95 mm)	
Miscellaneous	LED indicators	System status notification for Power, Fan, HDD and Temp	
		Power status notificaiton for +5 V, +12 V, -5 V, -12 V, and +3.3 V	
	Switches	Power, system reset, alarm reset	
	Hold-down Clamp	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)	

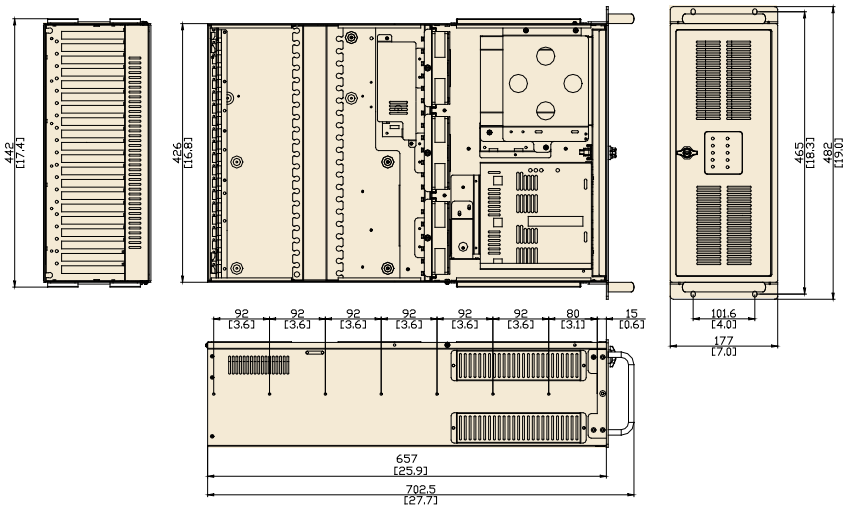


Dual AC power cord for 460W/570 W/810 W redundant power supply



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
1757000131 (single P/S)	400 W (ATX, PFC)	AC 100 ~ 240 V (full range)	+5 V @ 35 A, +3.3 V @ 25 A, +12 V @ 30 A, -5 V @ 0.8 A, -12 V @ 1 A, +5 Vsb @ 2 A	+5 V @ 3 A, +3.3 V @ 1 A, +12 V @ 1A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	91,000 hours @ 25° C
1757000133 (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
1757000197 (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
1757000127 (2+1 redundant)	570 W (ATX, PFC)	AC 115 ~ 230 V (full-range)	+5 V @ 50 A, +3.3 V @ 40 A, +12 V @ 34 A, -5 V @ 1 A, -12 V @ 1 A, +5 Vsb @ 1.2 A	+5 V @ 6 A, +3.3 V @ 2 A, +12 V @ 3 A,-12 V @ 0.1 A, -5 V @ 0.1 A, +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757000128 (3+1 redundant)	810 W (ATX, PFC)	AC 115 ~ 230 V (full-range)	+5 V @ 75 A, +3.3 V @ 60 A, +12 V @ 51 A, -5 V @ 1.5 A, -12 V @ 1.5 A, +5 Vsb @ 1.6 A	+5 V @ 9 A, +3.3 V @ 3 A, +12 V @ 4.5 A,-12 V @ 0.15 A, -5 V @ 0.15 A,+5 Vsb @ 0.15 A	UL/TUV/CB/CCC	100,000 hours @ 25° C

Passive Backplane Options

Part Number	Slot	Segment
PCA-6120-0B1	20 ISA	Single
PCA-6120P4-0B1	14 ISA, 4 PCI, 2 PICMG	Single
PCA-6119P7-0B1	10 ISA, 7 PCI, 2 PICMG	Single
PCA-6119P17-0B1	16 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6119P16X	1 ISA, 16 PCI, 2 PICMG	Single
PCA-6120P12-0A1	7 ISA, 11 PCI,1 PICMG, 1 PICMG/PCI	Single
PCA-6120P18-0A1	1 ISA, 17 PCI, 1 PICMG, 1PICMG/PCI	Single
PCA-6120D-0B1	20 ISA	Dual
PCA-6120DP4-0B1	7 ISA, 6 PCI, 2 PICMG/PCI, 4 PICMG	Dual
PCA-6118DP7-0B1	1 ISA, 14 PCI, 3 PICMG	Dual
PCA-6120Q-0B1	20 ISA	Quad
PCA-6116QP2-0B1	1 ISA, 8 PCI, 7 PICMG	Quad
PCA-6115QP2X-A1	8 PCI, 7 PICMG	Quad

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-B	Black 3.5" FDD
96CD-52X-I-AS-B2	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	Backplane	Regulation
IPC-623BP-40ZB	1757000131 (single P/S)	-	CE
IPC-623BP-50ZB	1757000133 (single P/S)	-	CE
IPC-623BP-46RZB	1757000197 (1+1 RPS)	-	CE
IPC-623BP-57NB	1757000127 (2+1 RPS)	-	CE
IPC-623BP-81NB	1757000128 (3+1 RPS)	-	CE

ACP-5260

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

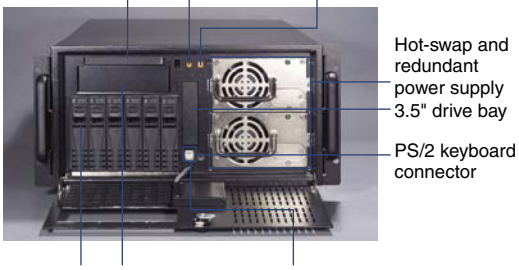
CE

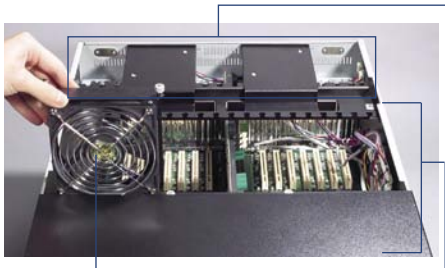
Features

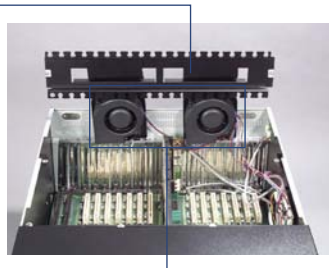
- Supports either a 20-slot backplane or an ATX motherboard. The motherboard version supports the latest high-performance server board with 2/4-way interleaving
- Ultra320 SCA SCSI data storage unit, which meets the SAF-TE (SCSI Accessed Fault-Tolerant Enclosure) specification
- Best-in-class reliability and uptime with hot-swap components, including SCSI HDD storage, high-speed cooling fans, and front accessible redundant power supply to minimize system down time
- Front-visible 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

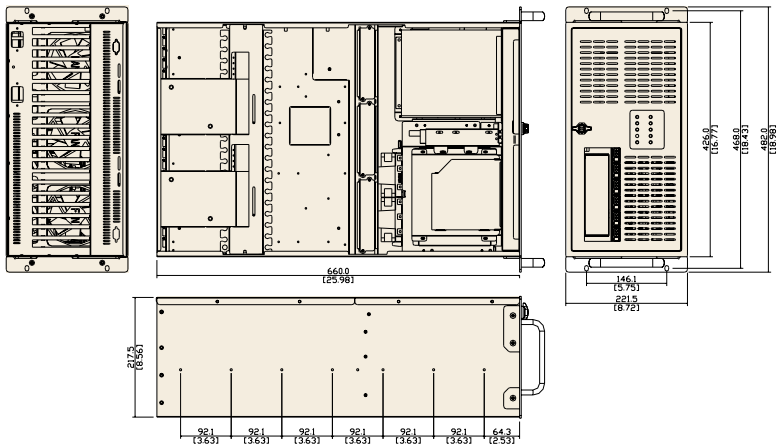
Drive Bay		Front-accessible	
	3.5"	6 (hot-swap), 1	
	5.25"	1	
	Slim CD-ROM	1	
Cooling	Fan	2 (47 CFM each) for SCSI storage, 3 (114 CFM/each) on middle	
	Blower	2 (25 CFM each) on rear	
	Air Filter	Yes	
I/O Interface	USB	2 (front-accessible)	
	PS/2	PS/2 Keyboard & mouse, or PS/2 keyboard only, depending 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)	-40 ~ 60° C (-40 ~ 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 222 x 660 mm (19" x 8.75" x 26")	
	Weight	30 kg (66 lb)	







Dimensions



Unit: mm (inch)

Power Supply Options

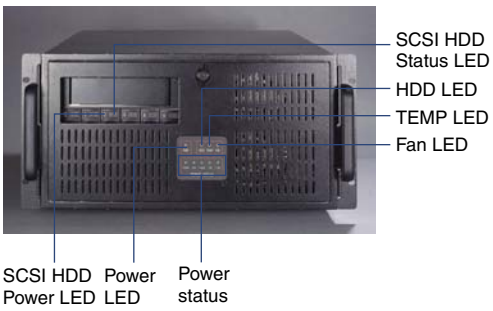
Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000197 (ATX, PFC) (B/P version)	460 W	AC 100 ~ 240 V (full-range)	+5 V @ 40 A, +3.3 V @ 30 A +12 V @ 32 A, -12 V @ 1 A -5 V @ 0.8 A, +5 Vsb @ 2 A	+5 V @ 5 A +3.3 V @ 1 A +12 V @ 2.5 A +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25° C
1757946006 (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6120-0B1	20 ISA	Single
PCA-6120P4-0B1	14 ISA, 4 PCI, 2 PICMG	Single
PCA-6119P7-0B1	10 ISA, 7 PCI, 2 PICMG	Single
PCA-6119P17-0B1	16 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6119P16X	1 ISA, 16 PCI, 2 PICMG	Single
PCA-6120P12-0A1	7 ISA, 11 PCI,1 PICMG, 1 PICMG/PCI	Single
PCA-6120P18-0A1	1 ISA, 17 PCI, 1 PICMG, 1PICMG/PCI	Single
PCA-6120D-0B1	20 ISA	Dual
PCA-6120DP4-0B1	7 ISA, 6 PCI, 2 PICMG/PCI, 4 PICMG	Dual
PCA-6118DP7-0B1	1 ISA, 14 PCI, 3 PICMG	Dual
PCA-6120Q-0B1	20 ISA	Quad
PCA-6116QP2-0B1	1 ISA, 8 PCI, 7 PICMG	Quad
PCA-6115QP2X-A1	8 PCI, 7 PICMG	Quad

Ordering Information

Part Number	Power Supply	Backplane	Regulation
ACP-5260BP-46R	1757000197	-	UL
ACP-5260MB-46R	1757946006	(Motherboard version)	None



Accessories

Part Number	Description
SCD ROM	Black slim-type 24X CD-ROM drive with 40-pin IDE connector
SDVD-CDRW	Black slim-type 8X DVD + 24X CD-ROM drive with 40-pin IDE connector
96FDD-144-TE-B	Black 3.5" FDD
96CD-52X-I-AS-B2	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM

IPC-622

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

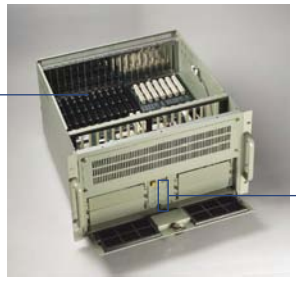
Features

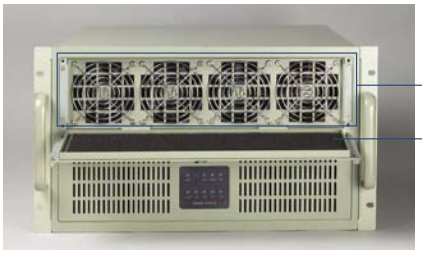
- 6U-high rackmount chassis, supports up to quad-system in a single chassis
- Front LEDs and audible alarm notifications for system power status, fan operation, HDD status, and temperature monitoring
- Four 53-CFM cooling fans with filters
- Various backplane options for up to 20 slots
- Lockable front 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 plate

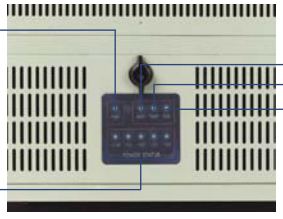
CE

Specifications

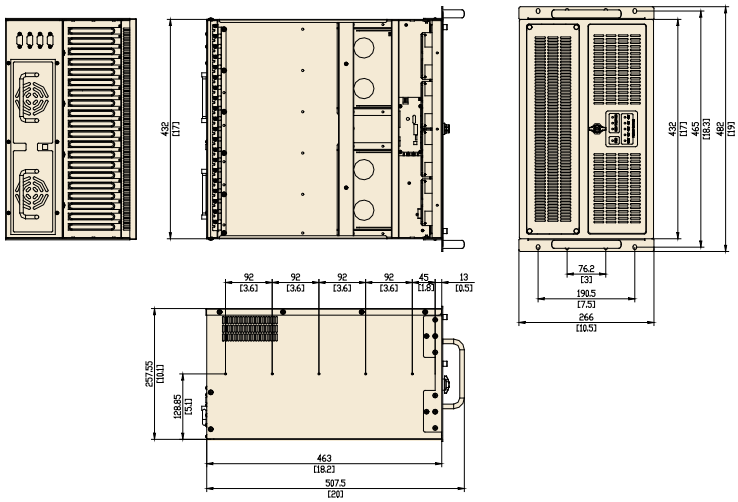
Drive Bay		Front-accessible	Internal
	5.25"	4	-
	3.5"	-	2
Cooling	Fan	4 (53 CFM each)	
	Air Filters	Yes	
I/O interfaces	USB	2 (default) and up to 4 sets of dual USB ports in the front	
Miscellaneous	Notification LEDs	PWR, HDD, FAN & TEMP	
	Control	Power On/Off, system reset and alarm reset switches	
	Openings on 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
1757000193 (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
1757000162 (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
1757000177 (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6120-0B1	20 ISA	Single
PCA-6120P4-0B1	14 ISA, 4 PCI, 2 PICMG	Single
PCA-6119P7-0B1	10 ISA, 7 PCI, 2 PICMG	Single
PCA-6120P12-0A1	7 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6119P17-0B1	16 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6119P16X	1 ISA, 16 PCI, 2 PICMG	Single
PCA-6120P18-0A1	1 ISA, 17 PCI, 1 PICMG, 1 PICMG/ PCI	Single
PCA-6120D-0B1	20 ISA	Dual
PCA-6120DP4-0B1	14 ISA, 4 PCI, 2 PICMG	Dual
PCA-6118DP7-0B1	1 ISA, 14 PCI, 3 PICMG	Dual
PCA-6120Q-0B1	20 ISA	Quad
PCA-6116QP2-0B1	1 ISA, 8 PCI, 7 PICMG	Quad
PCA-6115QP2X-A1	8 PCI, 7 PICMG	Quad

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-00RC	Without power supply, with ATX switch	-	None
IPC-622BP-40ZC	1757000193 (single P/S)	-	CE
IPC-622BP-50ZC	1757000162 (single P/S)	-	CE
IPC-622BP-46RC	1757000177 (1+1 RPS)	-	CE
Black Color Chassis Options			
IPC-622BP-00RCB	Without power supply, with ATX switch	-	None
IPC-622BP-46RCB	1757000177 (1+1 RPS)	-	CE

ACP-7000

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

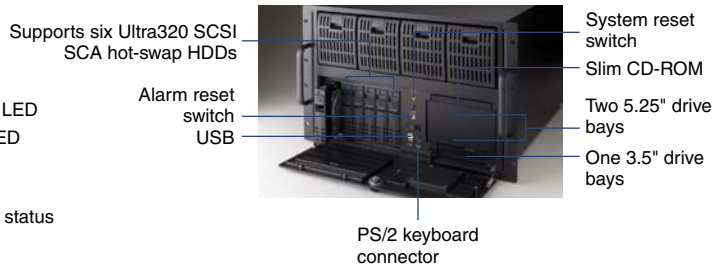
Features

- Supports either a 20-slot backplane or an ATX motherboard. The motherboard version supports the latest high-performance server board with up to 2/4-way interleaving
- Ultra320 SCA SCSI data storage unit, which meets the SAF-TE (SCSI Accessed Fault-Tolerant Enclosure) specification
- Best-in-class reliability and uptime with hot-swap components, including SCSI HDD storage, high-speed cooling fans, and front accessible redundant power supply, to minimize system down time
- Front-visible 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

CE

Specifications

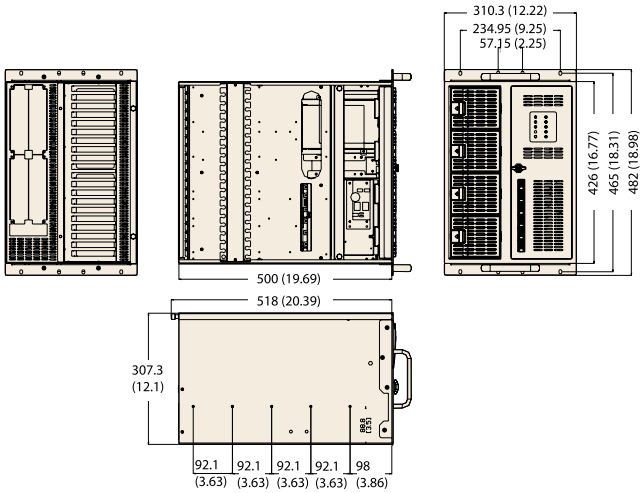
Drive Bay		Front-accessible	
	Slim CD-ROM	1	
	3.5"	6 (hot-swap), 1 (FDD, or HDD)	
	5.25"	2	
Cooling	Fans	4 (58 CFM each) hot-swap; 2 (47 CFM each) for SCSI storage unit	
	Air Filters	Yes	
I/O Interface	USB	2 (front-accessible)	
	PS/2	PS/2 Keyboard & mouse, or PS/2 keyboard only, depending on the enclosed 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)	



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
1757000177 (for ACP-7000BP) 1757946007 (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
1757957002 (for ACP-7000BP) 1757957001 (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
1757981000 (for ACP-7000BP) 1757981001 (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6120-0B1	20 ISA	Single
PCA-6120P4-0B1	14 ISA, 4 PCI, 2 PICMG	Single
PCA-6119P7-0B1	10 ISA, 7 PCI, 2 PICMG	Single
PCA-6119P17-0B1	16 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6119P16X	1 ISA, 16 PCI, 2 PICMG	Single
PCA-6120P12-0A1	7 ISA, 11 PCI,1 PICMG, 1 PICMG/PCI	Single
PCA-6120P18-0A1	1 ISA, 17 PCI, 1 PICMG, 1PICMG/PCI	Single
PCA-6120D-0B1	20 ISA	Dual
PCA-6120DP4-0B1	7 ISA, 6 PCI, 2 PICMG/PCI, 4 PICMG	Dual
PCA-6118DP7-0B1	1 ISA, 14 PCI, 3 PICMG	Dual
PCA-6120Q-0B1	20 ISA	Quad
PCA-6116QP2-0B1	1 ISA, 8 PCI, 7 PICMG	Quad
PCA-6115QP2X-A1	8 PCI, 7 PICMG	Quad

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-B	Black 3.5" FDD
96CD-52X-I-AS-B2	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	Backplane	Regulation
ACP-7000BP-46R	1757000177 (1+1 redundant)	--	CE
ACP-7000BP-57N	1757957002 (2+1 redundant)	--	CE
ACP-7000BP-81N	1757981000 (3+1 redundant)	--	CE
ACP-7000MB-46R	1757946007 (1+1 redundant)	(Motherboard version)	None

IPC-6908

8-slot Desktop/Wallmount Chassis with Front Alarm Notification and PS/2 Power Supply

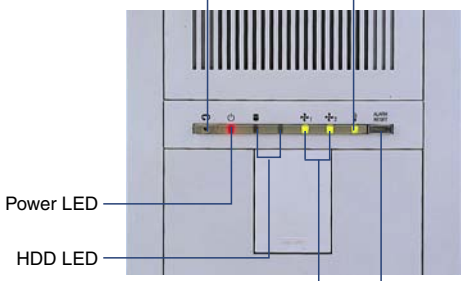
Features

- 8-slot desktop/wallmount industrial computer chassis
- Shock-resistant drive bay design 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 power supply options

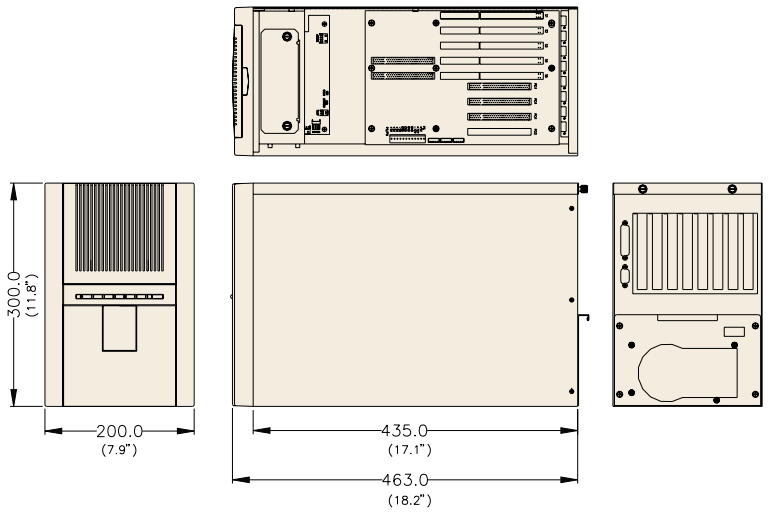
CE

Specifications

Drive Bay		Front-accessible	Internal
	3.5"	1	1
	5.25"	2	-
Cooling	Fan	2 (53 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-Z (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-ZB (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-ZB (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-DC48 (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6108P4-C	3 ISA, 3 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6108P6-0B3	1 ISA, 5 PCI, 1 PICMG/PCI, 1 PICM	Single
PCA-6108E-0C1	8 ISA	Single
PCA-6108P8-0A1	8 PCI	Single
PCA-6108P3X-0A1	3 ISA, 3 PCI, 2 PICMG (64-bit)	Single
PCA-6108P6X-0A1	6 PCI, 2 PICMG (64-bit)	Single

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-6908BP-B	Without power supply, with AT/ATX switch	-	-
IPC-6908BP-25ZB	PS-250ATX-Z	-	CE
IPC-6908BP-30ZB	PS-300ATX-ZB	-	CE
IPC-6908BP-40ZB	PS-400ATX-ZB	-	CE

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

IPC-6608

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

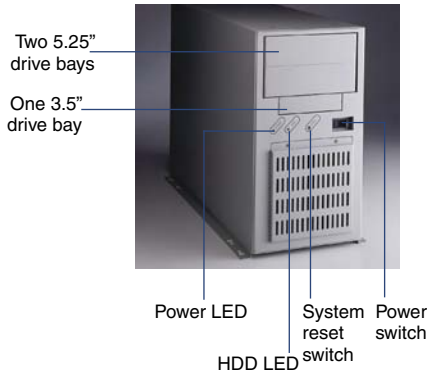
Features

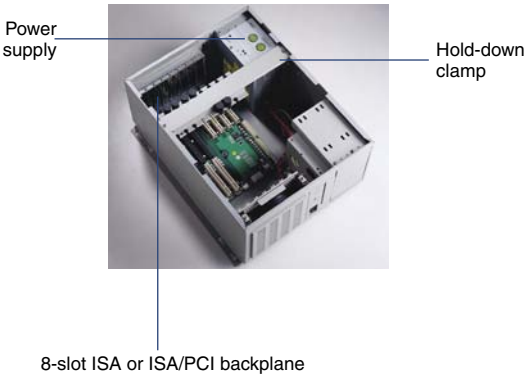
- Bi-directional options to mount the chassis on the wall or workbench
- Equipped with an 8-slot ISA or ISA/PCI backplane to hold eight full-length cards
- Two front accessed 5.25" disk drives and one 3.5" FDD
- High-speed cooling fan supports abundant cooling and streamlined ventilation
- Shockproof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

CE

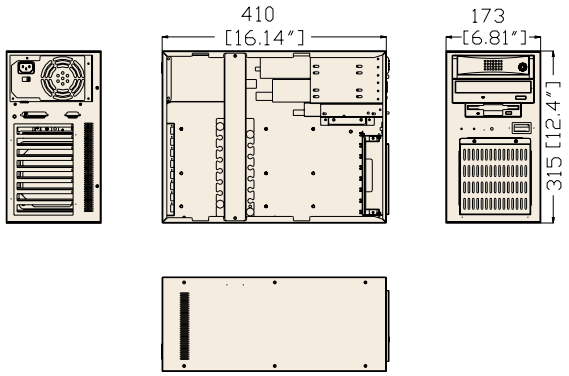
Specifications

Drive Bay		Front-accessible
	3.5"	1
	5.25"	2
Cooling	Fan	1 (85 CFM) hot-swap
	Air Filter	Yes
Miscellaneous	Control	Front panel power switch and reset switch
	Indicator	LEDs for 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")
	Weight	11.0 kg (24.2 lb)



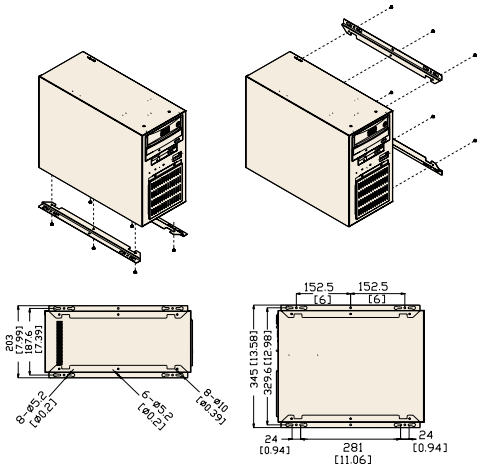


Dimension Diagram



Unit: mm (inch)

Installation



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-Z (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-ZB (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6108E-0C1	8 ISA	Single
PCA-6108P4-C	3 ISA, 3 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6108P6-0B3	1 ISA, 5 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6108P8-0A1	8 PCI	Single
PCA-6108P3X-0A1	3 ISA, 3 PCI, 2 PICMG (64-bit)	Single
PCA-6108P6X-0A1	6 PCI, 2 PICMG (64-bit)	Single

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-6608BP-00	Without power supply, with AT/ATX switch both	-	None
IPC-6608BP-25Z	PS-250ATX-Z	-	CE
IPC-6608BP-30Z	PS-300ATX-ZB	-	CE

Accessories

Part Number	Description
1999001030	Fan filter 127 x 127 x 5 mm

IPC-6806

6-slot Desktop/Wallmount Chassis with 1U power supply

IPC-6806S ▲ IPC-6806 ▲ IPC-6806W ▲

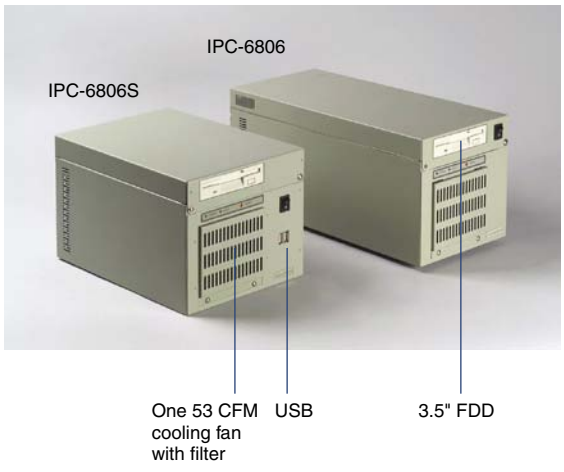
CE

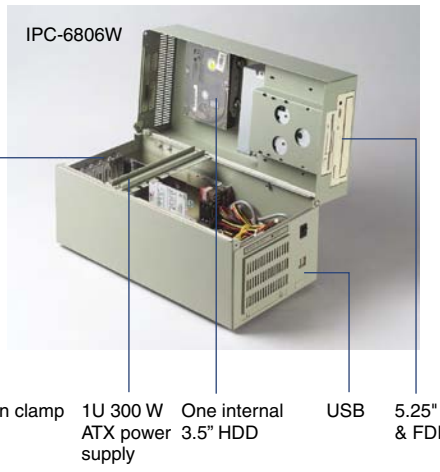
Features

- Three models with different dimensions/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

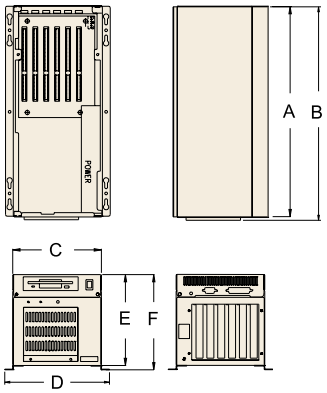
Specifications

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)	





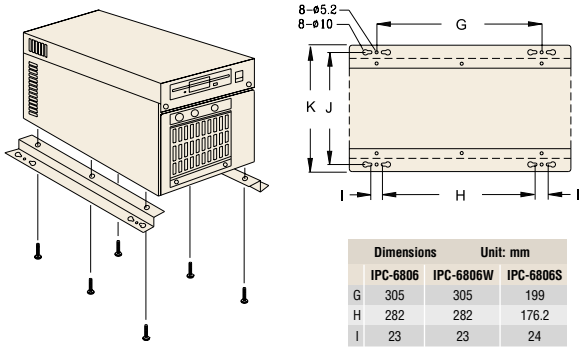
Dimension Diagram



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-15ZB	IPC-6806BP-20ZB	IPC-6806WB-30ZB
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-B, PCA-6105P5-0B1 (for half-sized cards only)	PCA-6106-B, PCA-6106P3-0C1, PCA-6105P3X-0A1, PCA-6105P4-0B1, PCA-6105P5-0B1	PCA-6106-B, PCA-6106P3-0C1, PCA-6106P4-0A1, PCA-6105P3X-0A1, PCA-6105P4-0B1, PCA-6105P5-0B1
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
1757000209 (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-20PZ (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
1757000160 (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 -5V @ 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

Passive Backplane Options

Part Number	Slots	Segment
PCA-6106-B	6 ISA	Single
PCA-6106P3-0C1	2 ISA, 2 PCI, 1 PICMG, 1PICMG/PCI	Single
PCA-6106P4-0A1	4 PCI, 2 PICMG	Single
PCA-6105P3X-0A1	1 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG (64-bit)	Single
PCA-6105P4-0B1	3 PCI, 1 PICMG, 1 PICMG/PCI	Single
PCA-6105P5-0B1	4 PCI, 1 CPU-PCI	Single

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-6806SB-15ZB	1757000209	-	CE
IPC-6806BP-20ZB	OP-20PZ	-	CE
IPC-6806-20ZB	OP-20PZ	PCA-6106-B	CE
IPC-6806P3-20ZB	OP-20PZ	PCA-6106P3-0C1	CE
IPC-6806WB-30ZB	1757000160	-	CE
IPC-6806WP-30ZB	1757000160	PCA-6106P3-0C1	CE

IPC-6606

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

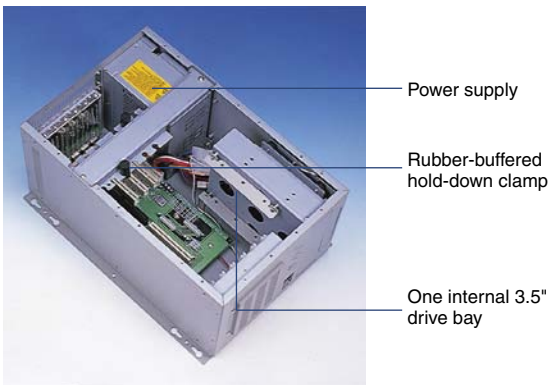
Features

- Cost-effective wallmount/desktop IPC chassis
- Bi-directional options to mount the chassis on the wall or workbench
- Accepts up to 5 ISA/PCI full-length peripheral cards
- One 5.25" and one 3.5" front accessible disk drive bays, plus one internal 3.5" HDD
- One 53-CFM cooling fan with air filter
- 250 W and 300 W ATX power supply options

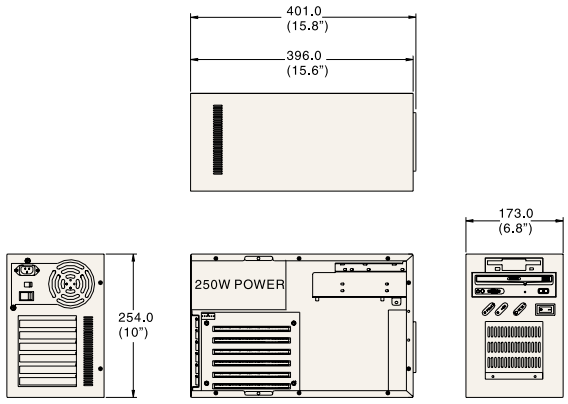
CE

Specifications

Drive Bay		Front-accessible	Internal
	3.5"	1	1
	5.25"	1	-
Cooling	Fan	1 (53 CFM)	
	Air Filter	Yes	
Miscellaneous	Control	Front panel reset switch, rear panel power supply	
	Indicator	LEDs for 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 254 x 396 mm (6.8" x 10" x 15.6")	
	Weight	9 kg (19.8 lb)	

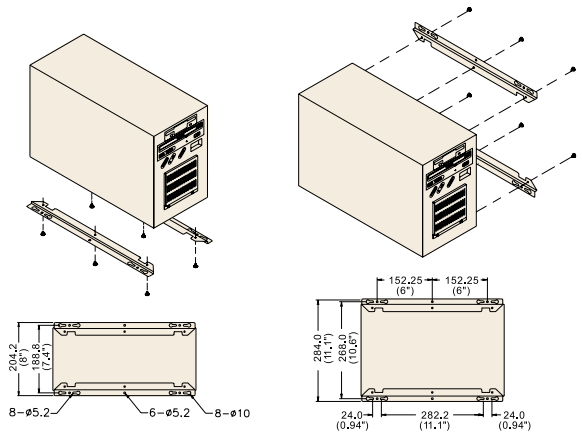


Dimension Diagram



Unit: mm (inch)

Installation



Bi-directional mounting

Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-250ATX-Z (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-ZB (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6106-B	6 ISA	Single
PCA-6106P3-0C1	2 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6106P4-0A1	4 PCI, 2 PICMG	Single
PCA-6105P5-0B1	5 PCI	Single
PCA-6105P4-0B1	3 PCI, 1 PICMG, 1 PICMG/PCI	Single
PCA-6105P3X-0A1	1 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG (64-bit)	Single

Accessories

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

Ordering Information

Part Number	Power Supply	Backplane	Regulation
IPC-6606BP-00X	Without power supply, with ATX switch	-	None
IPC-6606BP-25Z	PS-250ATX-Z (System with AT switch)	-	CE
IPC-6606P3-25Z	PS-250ATX-Z (System with AT switch)	PCA-6106P3-0C1	CE
IPC-6606BP-30Z	PS-300ATX-ZB	-	CE
IPC-6606P3-30Z	PS-300ATX-ZB	PCA-6106P3-0C1	CE
IPC-6606P4-30Z	PS-300ATX-ZB	PCA-6106P4-0A1	CE
IPC-6606P5-30Z	PS-300ATX-ZB	PCA-6105P5-0B1	CE

IPC-644

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

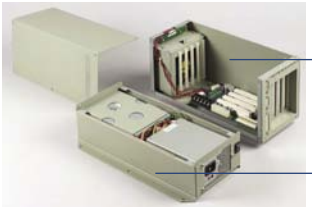
Features

- 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

CE

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	
	LED 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)	

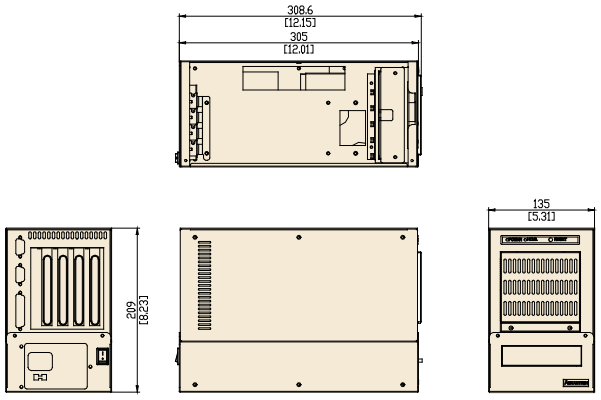


Upper cage to hold 4 half-sized cards

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

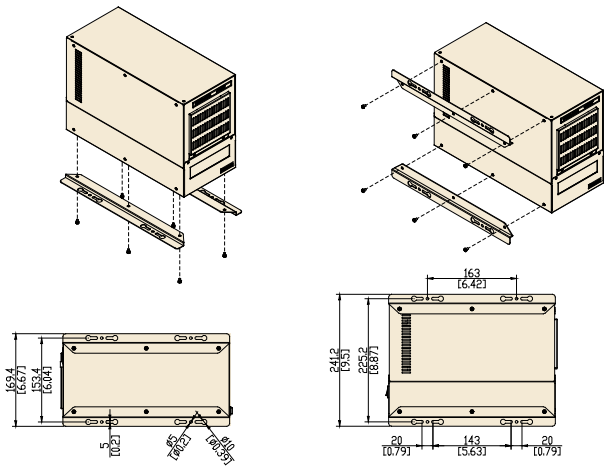
Easy-to-maintain cooling fan

Dimension Diagram



Unit: mm (inch)

Installation



Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000170 (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

Passive Backplane Options

Part Number	Slot	Segment
PCA-6104P4-0B1	4 PCI	single
PCA-6104-0C1	4 ISA	single

Ordering Information

Part Number	With Power Supply	Regulation
IPC-644BP-15Z	1757000170	CE

Accessories

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

MBPC-641

4-slot MicroBox Desktop/Wallmount Chassis with Open Frame AC, DC Power Supply

Features

- Ultra-compact wallmount/desktop IPC chassis
- Equipped with a 4-slot ISA or PCI backplane to hold 4 half-sized cards
- Two (9-pin and 25-pin) I/O ports
- Power on switch with connector
- One 53-CFM cooling fan with air filter
- Replaceable and easy to clean fan filters
- 60 W AC and DC power supply options

CE

Specifications

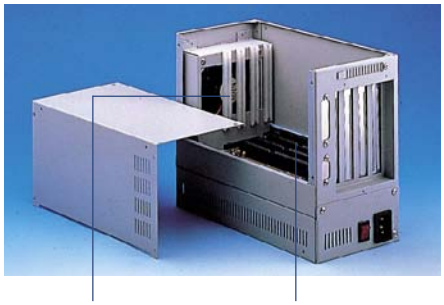
Cooling	Fan	1 (53 CFM)
	Air Filter	Yes
Miscellaneous	Slot	4 ISA/PCI slots, half-sized
Environment	Temperature	0 ~ 40° C (32 ~ 104° F)
	Humidity	10 ~ 85 % @ 40° C, non-condensing
Physical Characteristics	Dimensions (W x H x D)	114 x 197 x 245 mm (4.5" x 7.8" x 9.6")
	Weight	2.8 kg (6 lb)

Power Supply Options

Part Number	Specifications				
	Watt	Input	Output	Safety	MTBF
OP-60P	60 W	AC 100 V ~ 240 V	+5 V @ 5 A, +12 V @ 2.5 A, -12 V @ 0.5 A	UL/TUV	100,000 hours @ 25° C
OP-60P-D24	60 W	DC 24 V	+5 V @ 8 A, +12 V @ 4 A, -12 V @ 0.5 A	-	-
OP-60P-D48	60 W	DC -48 V	+5 V @ 8 A, +12 V @ 4 A, -12 V @ 0.5 A	-	-

Passive Backplane Options

Part Number	Slot	Segment
969K610430	4 ISA	Single
969K610450	4 PCI	Single



One 53-CFM cooling fan with air filter

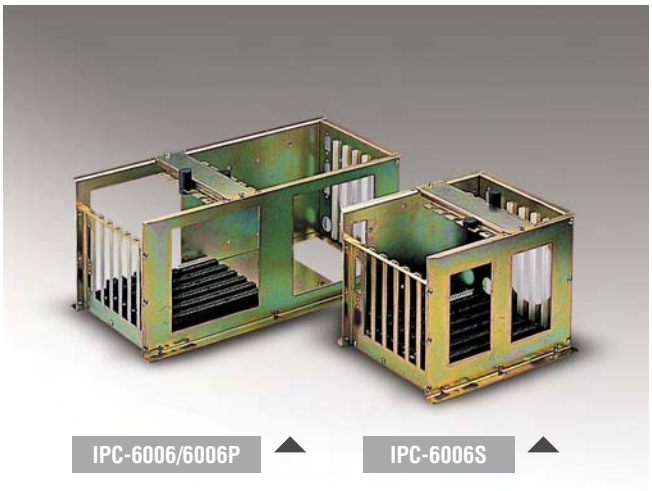
Equipped with a 4-slot ISA or PCI backplane to hold 4 half-sized cards

Ordering Information

Part Number	Power Supply	Backplane	Regulation
MBPC-641BP-60	OP-60P	-	CE
MBPC-641BP-D24	OP-60P-D24	-	CE
MBPC-641BP-D48	OP-60P-D48	-	CE
MBPC-641-60	OP-60P	969K610430	CE
MBPC-641P4-60	OP-60P	969K610450	CE

IPC-6006

6-slot Card Cage



IPC-6006/6006P IPC-6006S

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-6006	IPC-6006P	IPC-6006S
Supported Backplanes	PCA-6106-B PCA-6106P3-0C1 PCA-6106P4-0A1 PCA-6105P5-0B1 PCA-6105P4-0B1 PCA-6105P3X-0A1	PCA-6106P3-0C1 (included)	PCA-6106-B PCA-6105P5-0B1
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-B	6 ISA	Single
PCA-6106P3-0C1	2 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG	Single
PCA-6106P4-0A1	4 PCI, 2 PICMG	Single
PCA-6105P5-0B1	5 PCI	Single
PCA-6105P4-0B1	3 PCI, 1 PICMG, 1 PICMG/PCI	Single
PCA-6105P3X-0A1	1 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG (64-bit)	Single

Ordering Information

Part Number	Description
IPC-6006	6 ISA slots, full-size
IPC-6006P	2 ISA/3 PCI/1 CPU slots, full-size
IPC-6006S	6 ISA slots, half-size