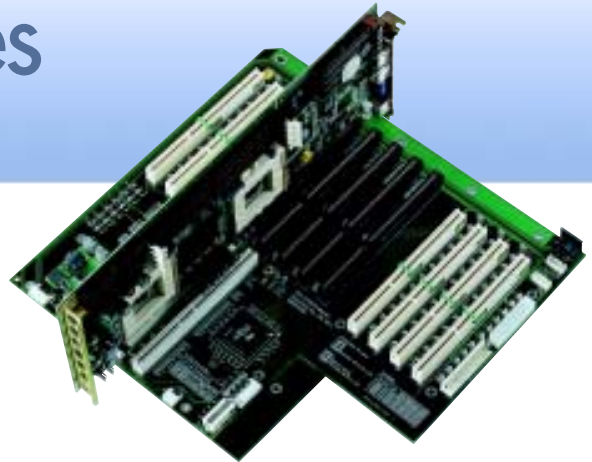


Passive Backplanes



Features

- Follow PICMG PCI/ISA specification
- Versatile options for combination of PCI and ISA slots
- Supports both AT and ATX power supplies

Models	Slots Per Segment			Segment Per Backplane	Compatible Advantech Chassis											
	ISA	PCI	CPU		SPC-530	IPC-622	IPC-623	IPC-616	IPC-615	IPC-610	IPC-6908	IPC-6608	IPC-6606	ACP-4000	ACP-7000	
PCA-6120-0B1	20	--	--	1	V	V	V	--	--	--	--	--	--	--	V	
PCA-6120D-0B1	10	--	--	2	--	V	V	--	--	--	--	--	--	--	V	
PCA-6120Q-0B1	5	--	--	4	--	V	V	--	--	--	--	--	--	--	V	
PCA-6120P4-0B1	15	4	1	1	V	V	V	--	--	--	--	--	--	--	V	
PCA-6120P18-0A1	1	18	1	1	V	V	V	--	--	--	--	--	--	--	V	
PCA-6119P7-0B1	11	7	1	1	V	V	V	--	--	--	--	--	--	--	V	
PCA-6119P16X	2	16	1	1	V	V	V	--	--	--	--	--	--	--	V	
PCA-6120P12-0A1	8	12	1	1	V	V	V	--	--	--	--	--	--	--	V	
PCA-6119P17-0B1	1	17	1	1	V	V	V	--	--	--	--	--	--	--	V	
PCA-6118DP7-0B1	1	7	1	2	--	V	V	--	--	--	--	--	--	--	V	
PCA-6120DP4-0B1	5	4	1	2	--	V	V	--	--	--	--	--	--	--	V	
PCA-6116QP2-0B1	1	2	1	4	--	V	V	--	--	--	--	--	--	--	V	
PCA-6115	15	--	--	1	--	--	--	--	V	--	--	--	--	--	--	
PCA-6114-0B1	14	--	--	1	--	--	--	V	V	V	--	--	--	V	--	
PCA-6114P4-C	9	4	1	1	--	--	--	V	V	V	--	--	--	V	--	
PCA-6113P4R	8	4	1	1	--	--	--	V	V	V	--	--	--	V	--	
PCA-6114P7-0D1	6	7	1	1	--	--	--	V	V	V	--	--	--	V	--	
PCA-6113P7X	5	7	1	1	--	--	--	V	V	V	--	--	--	V	--	
PCA-6114P10-B	3	10	1	1	--	--	--	V	V	V	--	--	--	V	--	
PCA-6114P12	1	12	1	1	--	--	--	V	V	V	--	--	--	V	--	
PCA-6108	8	--	--	1	--	--	--	--	--	--	--	--	--	--	--	
PCA-6108E-B	8	--	--	1	--	--	--	--	--	--	V	V	--	--	--	
PCA-6108P4-C	4	4	1	1	--	--	--	--	--	--	V	V	--	--	--	
PCA-6108P6-B	3	4	1	1	--	--	--	--	--	--	V	V	--	--	--	
PCA-6108P6X-0A1	1	6	1	1	--	--	--	--	--	--	V	V	--	--	--	
PCA-6106-B	1	6	1	1	--	--	--	--	--	--	--	--	V	--	--	
PCA-6106P3-0C1	3	3	1	1	--	--	--	--	--	--	--	--	V	--	--	

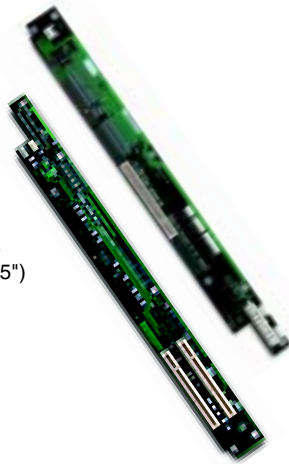
Remark

1. IPC-622 provides four reset buttons and four KB connectors. For more information regarding chassis, please refer to chapter 8.
2. IPC-623 provides four reset buttons and one KB connectors. For more information regarding chassis, please refer to chapter 8.
3. ACP-7000 provides four reset buttons and one KB connectors. For more information regarding chassis, please refer to chapter 8.

1U Backplanes

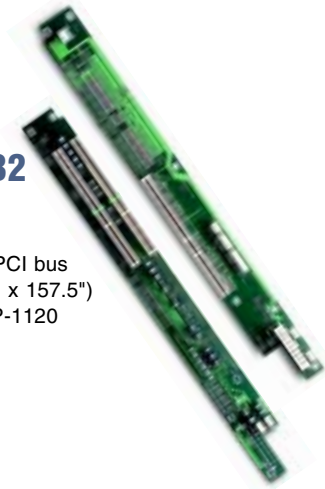
PCA-6103P2V-OB2

- Segment: 1
- Slots: 2 PCI/ 1 CPU
- PCI bus: 32 bit/ 33 MHz PCI bus
- Size: 40 x 400 mm (15.7" x 157.5")
- Chassis: ACP-1000, ACP-1120



PCA-6103P2VX-B2

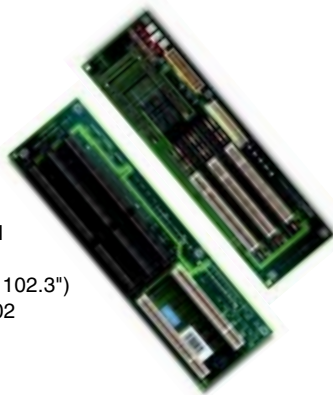
- Segment: 1
- Slots: 2 PCI/ 1 CPU
- PCI bus: 64 bit/ 66 MHz PCI bus
- Size: 40 x 400 mm (15.7" x 157.5")
- Chassis: ACP-1000, ACP-1120



2U Backplanes

PCA-6106P3V

- Segment: 1
- Slots: 2ISA/ 3 PCI/ 1 CPU
- PCI bus: 32 bit/ 33 MHz PCI bus
- Size: 80 x 260 mm (31.5" x 102.3")
- Chassis: ACP-2000, IPC-602



PCA-6106P3VX-A1

- Segment: 1
- Slots: 2ISA/ 3 PCI/ 1 CPU
- PCI bus: 64 bit/ 66 MHz PCI bus
- Size: 80 x 303 mm (31.5" x 119.3")
- Chassis: ACP-2000, IPC-602



PCA-6105P4V

- Segment: 1
- Slots: 4 PCI/ 1 CPU
- PCI bus: 32 bit/ 33 MHz PCI bus
- Size: 80 x 260 mm (31.5" x 102.3")
- Chassis: ACP-2000, IPC-602



PCA-6106P5V-0A1

- Segment: 1
- Slots: 5 PCI/ 1 CPU
- PCI bus: 32 bit/ 33 MHz PCI bus
- Size: 80 x 260 mm (31.5" x 102.3")
- PCI bridge: Pericom PI7C8150MA
- Chassis: ACP-2000, IPC-602



Remark:

The 1U and 2U backplanes were sold together with Advantech's 1U and 2U industrial Computing Chassis.

CompactPCI Enclosures	1
CompactPCI Boards	2
CompactPCI Peripherals	3
Blade Servers	4
Network Appliances	5
e-Server Systems	6
Storage Subsystems	7
Industrial Computer Chassis	8
Full-sized CPU Cards	9
Industrial Computer Peripherals	10



6-Slot ISA/PCI Backplanes

Compatible with IPC Chassis: IPC-6806/IPC-6606/IPC-6006

PCA-6106-B

- Segments: 1
- Slots: 6 ISA
- Size: 142 x 175 mm (55.9" x 68.9")



PCA-6106P3-0C1

- Segments: 1
- Slots: 3 ISA/3 PCI/1 CPU
- Size: 147 x 270 mm (57.9" x 10.63")



8-Slot ISA/PCI Backplanes

Compatible with IPC Chassis: IPC-6908/IPC-6608

PCA-6108

- Segments: 1
- Slots: 8 ISA
- Size: 222 x 171 mm (87.4" x 67.3")
- Only for IPC-6010 and commercial PC chassis (baby AT size)



PCA-6108E-B

- Segments: 1
- Slots: 8 ISA
- Size: 190 x 180 mm (74.8" x 70.9")



PCA-6108P4-C

- Segments: 1
- Slots: 4 ISA/4 PCI/1 CPU
- Size: 260 x 180 mm (102.4" x 70.9")



PCA-6108P6-B

- Segments: 1
- Slots: 1 ISA/6 PCI/1 CPU
- Size: 260 x 180 mm (102.4" x 70.9")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 3 slots



15/14-Slot ISA/PCI Backplanes

Compatible with IPC Chassis: IPC-616, IPC-615, IPC-610

PCA-6115

- Segments: 1
- Slots: 15 ISA
- Size: 326 x 190 mm (128.3" x 74.8")



PCA-6114-0B1

- Segments: 1
- Slots: 14 ISA
- Size: 315 x 175 mm (124" x 68.9")



Compatible with IPC Chassis: IPC-616, IPC-615, IPC-610, ACP-4000

PCA-6113P4R

- Segments: 1
- Slots: 8 ISA/4 PCI/1 CPU
- Size: 315 x 260 mm (124" X 102.4")



PCA-6114P4-C

- Segments: 1
- Slots: 9 ISA/4 PCI/1 CPU
- Size: 315 x 260 mm (124" x 102.4")



PCA-6114P7-0D1

- Segments: 1
- Slots: 6 ISA/7 PCI/1 CPU
- Size: 315 x 260 mm (124" X 102.4")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots



PCA-6114P10-B

- Segments: 1
- Slots: 3 ISA/10 PCI/1 CPU
- Size: 315 x 260 mm (124" X 102.4")
- PCI bridge: Pericom PI7C8150MA
- Primary PCI: 3 slots; Secondary PCI: 7 slots



PCA-6114P12

- Segments: 1
- Slots: 1 ISA/12 PCI/1 CPU
- Size: 315 x 260 mm (124" X 102.4")
- PCI bridge: Intel® 21150
- Primary PCI: 3 slots; Secondary PCI: 9 slots



CompactPC Enclosures 1

CompactPC Boards 2

CompactPC Peripherals 3

Blade Servers 4

Network Appliances 5

e-Server Systems 6

Storage Subsystems 7

Industrial Computer Classes 8

Full-sized CPU Cards 9

Industrial Computer Peripherals 10



20-Slot ISA/PCI Backplanes

Compatible with IPC Chassis: SPC-530, IPC-623, IPC-622, ACP-7000

PCA-6120-OB1

- Segments: 1
- Slots: 20 ISA
- Size: 417 x 200 mm (164.2" x 78.7")



PCA-6120D-OB1

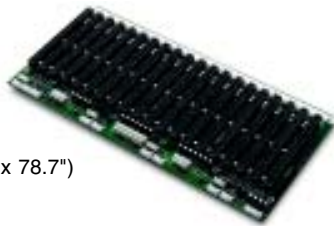
- Segments: 2
- Slots: 10-10 ISA
- Size: 417 x 200 mm (164.2" x 78.7")



Compatible with IPC Chassis: SPC-530, IPC-623, IPC-622

PCA-6120Q-OB1

- Segments: 4
- Slots: 5-5-5-5 ISA
- Size: 417 x 200 mm (164.2" x 78.7")



PCA-6120P4-OB1

- Segments: 1
- Slots: 15 ISA/4 PCI/1 CPU
- Size: 417 x 260 mm (164.2" x 102.4")



PCA-6119P7-OB1

- Segments: 1
- Slots: 11 ISA/7 PCI/1 CPU
- Size: 417 x 260 mm (164.2" x 102.4")
- PCI bridge: Pericom PI7C8150MA
- Primary PCI: 3 slots; Secondary PCI: 4 slots



PCA-6120P12-0A1

- Segments: 1
- Slots: 8 ISA/12 PCI/1 CPU
- Size: 417 x 260 mm (164.2" x 102.4")
- PCI bridge: Pericom PI7C8150MA
- Primary PCI: 3 slots; Secondary PCI: 9 slots



PCA-6119P17-OB1

- Segments: 1
- Slots: 1 ISA/17 PCI/1 CPU
- Size: 417 x 260 mm (164.2" x 102.4")
- PCI bridge: Dual Pericom PI7C8150MA
- Primary PCI: 2 slots; Secondary PCI: 8 slots + 7 slots



PCA-6120DP4-OB1

- Segments: 2
- Slots: 5 ISA/4 PCI/1 CPU per segment
- Size: 420 x 260 mm (164.2" x 102.4")



20-Slot ISA/PCI Backplanes

Compatible with IPC Chassis: SPC-530, IPC-623, IPC-622

PCA-6118DP7-0B1

- Segments: 2
- Slots: 1 ISA/7 PCI/1 CPU per segment
- Size: 417 x 260 mm (164.2" x 102.4")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots



PCA-6116QP2-0B1

- Segments: 4
- Slots: 1 ISA/2 PCI/1 CPU per segment
- Size: 417 x 260 mm (164.2" x 102.4")



PCA-6120P18

- Segment: 1
- Slots: 1 ISA/ 18 PCI/ 1 CPU
- Size: 417x 260 mm (164.2" x 102.4")
- PCI bridge: Three Pericom PI7C8150MA
- Secondary: 6 slot/6 slot/6 slot



CompactPC Enclosures 1

CompactPC Boards 2

CompactPC Peripherals 3

Blade Servers 4

Network Appliances 5

e-Server Systems 6

Storage Subsystems 7

Industrial Computer Classes 8

Full-sized CPU Cards 9

Industrial Computer Peripherals 10

64-bit ISA/PCI Backplanes

PCA-6113P7X

- Segments: 1
- Slots: 5 ISA/7 PCI/1 CPU
- Size: 315 x 300 mm (124" x 118")
- PCI bridge: Intel® 21154
- Primary (64 bit/ 66 MHz): 3 slots; Secondary (64 bit/ 66 MHz): 4 slots
- Jumper Selectable 1: VIO 3.3 V or 5 V
- Jumper selectable 2: PCI bus 33 MHz or PCI bus 66 MHz



PCA-6119P16X

- Segment: 1
- Slots: 2 ISA/ 16 PCI/ 1 CPU
- Size: 300x 417 mm (118" x 164")
- PCI bridge: Three Intel 21154
- Secondary (64bit/ 66MHz): 4 + 3 slots
- Secondary (64 bit/ 33MHz): 9 slots
- Jumper selectable 1: VIO 3.3 V or 5V
- Jumper selectable 2: PCI bus 33 MHz or PCI bus 66 MHz



PCA-6108P6X-0A1

- Segment: 1
- Slots: 1ISA / 6 PCI/ 1 CPU
- Size: 180 x 282 mm (70.9" x 111")
- PCI bridge: Intel 21154
- Primary (64 bit/ 66 MHz): 3 slot
- Secondary (64 bit/ 33 MHz): 4 slots
- Jumper selectable 1: VIO 3.3 V or 5V
- Jumper selectable 2: PCI bus 33 MHz or PCI bus 66 MHz

