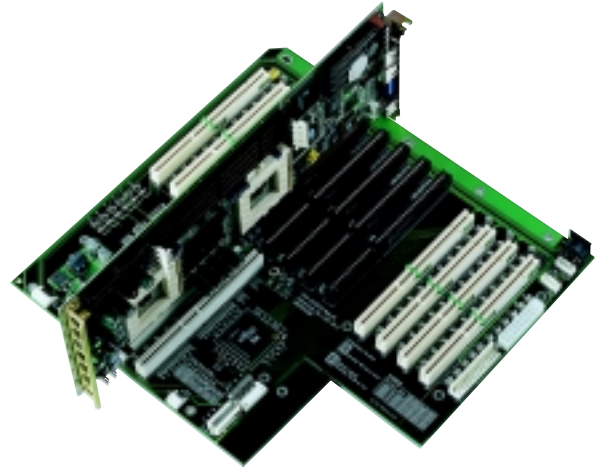


Passive Backplanes

Features

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



Selection Guide

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-6106-B	6	--	--	1	--	--	--	--	--	--	--	--	V	--	--
PCA-6106P3-0C1	3	3	1	1	--	--	--	--	--	--	--	--	V	--	--
PCA-6108-0B1	8	--	--	1	--	--	--	--	--	--	--	--	--	--	--
PCA-6108E-0C1	8	--	--	1	--	--	--	--	--	--	V	V	--	--	--
PCA-6108P4-C	4	4	1	1	--	--	--	--	--	--	V	V	--	--	--
PCA-6108P6-B	1	6	1	1	--	--	--	--	--	--	V	V	--	--	--
PCA-6108P6X-0A1	1	6	1	1	--	--	--	--	--	--	V	V	--	--	--
PCA-6113P4R-0C1	8	4	1	1	--	--	--	V	V	V	--	--	--	V	--
PCA-6113P7X	5	7	1	1	--	--	--	V	V	V	--	--	--	V	--
PCA-6114-0B1	14	--	--	1	--	--	--	V	V	V	--	--	--	V	--
PCA-6114P4-C	9	4	1	1	--	--	--	V	V	V	--	--	--	V	--
PCA-6114P7-0D1	6	7	1	1	--	--	--	V	V	V	--	--	--	V	--
PCA-6114P10-B	3	10	1	1	--	--	--	V	V	V	--	--	--	V	--
PCA-6114P12-0B1	1	12	1	1	--	--	--	V	V	V	--	--	--	V	--
PCA-6115-0B1	15	--	--	1	--	--	--	--	V	--	--	--	--	--	--
PCA-6116QP2-0B1	1	2	1	4	--	V	V	--	--	--	--	--	--	--	V
PCA-6118DP7-0B1	1	7	1	2	--	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-6119P17-0B1	1	17	1	1	V	V	V	--	--	--	--	--	--	--	V
PCA-6120-0B1	20	--	--	1	V	V	V	--	--	--	--	--	--	--	V
PCA-6120D-0B1	10	--	--	2	--	V	V	--	--	--	--	--	--	--	V
PCA-6120DP4-0B1	5	4	1	2	--	V	V	--	--	--	--	--	--	--	V
PCA-6120P4-0B1	15	4	1	1	V	V	V	--	--	--	--	--	--	--	V
PCA-6120P12-0A1	8	12	1	1	V	V	V	--	--	--	--	--	--	--	V
PCA-6120P18-0A1	1	18	1	1	V	V	V	--	--	--	--	--	--	--	V
PCA-6120Q-0B1	5	--	--	4	--	V	V	--	--	--	--	--	--	--	V

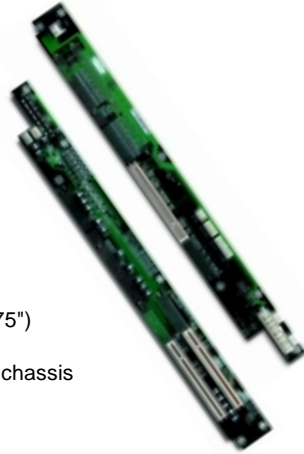
Remark

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 Butterfly Backplanes

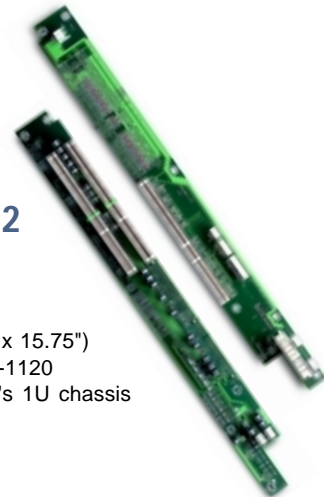
PCA-6103P2V-0A1

- Segment: 1
- Slots: 2 PCI, 1 CPU
- PCI bus: 32-bit/33 MHz
- Size: 40 x 400 mm (1.57" x 15.75")
- Chassis: ACP-1000, ACP-1120
- Only sold with Advantech's 1U chassis



PCA-6103P2VX-B2

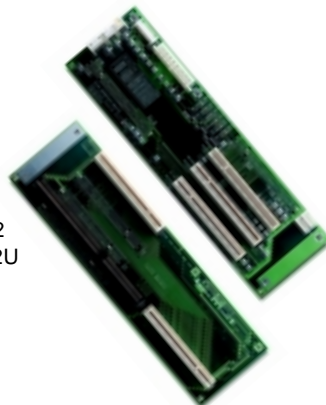
- Segment: 1
- Slots: 2 PCI, 1 CPU
- PCI bus: 64-bit/66 MHz
- Size: 40 x 400 mm (1.57" x 15.75")
- Chassis: ACP-1000, ACP-1120
- Only sold with Advantech's 1U chassis



2U Butterfly Backplanes

PCA-6105P4V-0B2

- Segment: 1
- Slots: 4 PCI, 1 PICMG
- PCI bus: 32-bit/33 MHz
- Size: 80 x 260 mm (3.15" x 10.23")
- Chassis: ACP-2000, IPC-602
- Only sold with Advantech's 2U chassis



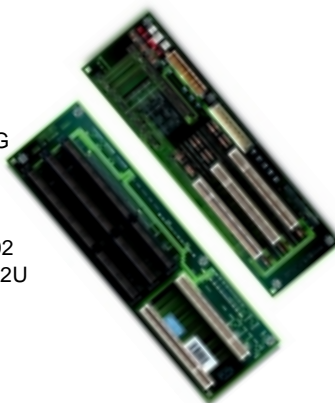
PCA-6106P5V-0A1

- Segment: 1
- Slots: 5 PCI, 1 PICMG
- PCI bus: 32-bit/33 MHz
- Size: 80 x 260 mm (3.15" x 10.23")
- PCI bridge: Pericom PI7C8150MA
- Chassis: ACP-2000, IPC-602
- Only sold with Advantech's 2U chassis



PCA-6106P3V

- Segment: 1
- Slots: 1 ISA, 3 PCI, 2 PICMG
- PCI bus: 32-bit/33 MHz
- Size: 80 x 260 mm (3.15" x 10.23")
- Chassis: ACP-2000, IPC-602
- Only sold with Advantech's 2U chassis



PCA-6106P3VX-A1

- Segment: 1
- Slots: 1 ISA, 3 PCI, 2 PICMG
- PCI bus: 64-bit/66 MHz
- Size: 80 x 303 mm (3.15" x 11.93")
- Chassis: ACP-2000, IPC-602
- Only sold with Advantech's 2U chassis



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Passive Backplanes

6-Slot ISA/PCI Backplanes

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

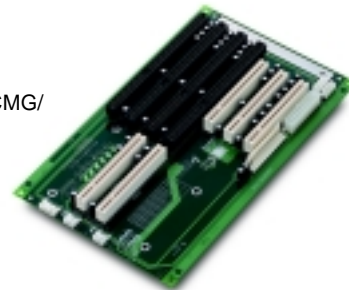
PCA-6106-B

- Segments: 1
- Slots: 6 ISA
- Size: 142 x 175 mm (5.59" x 6.89")
- P/N: PCA-6106-B



PCA-6106P3-0C1

- Segments: 1
- Slots: 2 ISA, 2 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 142 x 270 mm (5.59" x 10.63")
- P/N: PCA-6106P3-0C1



8-Slot ISA/PCI Backplanes

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

PCA-6108-0B1

- Segments: 1
- Slots: 8 ISA
- Size: 222 x 171 mm (8.74" x 6.73")
- Only for IPC-6010 and commercial PC chassis (baby AT size)
- P/N: PCA-6108-0B1



PCA-6108E-0C1

- Segments: 1
- Slots: 8 ISA
- Size: 180 x 190 mm (7.09" x 7.48")
- P/N: PCA-6108E-0C1



PCA-6108P4-C

- Segments: 1
- Slots: 3 ISA, 3 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 180 x 260 mm (7.09" x 10.24")
- P/N: PCA-6108P4-C



PCA-6108P6-B

- Segments: 1
- Slots: 1 ISA, 5 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 180 x 260 mm (7.09" x 10.24")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 3 slots
- P/N: PCA-6108P6-B



14/15-Slot ISA/PCI Backplanes

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

PCA-6114-0B1

- Segments: 1
- Slots: 14 ISA
- Size: 315 x 175 mm (12.4" x 6.89")
- P/N: PCA-6114-0B1



PCA-6115-0B1

- Segments: 1
- Slots: 15 ISA
- Size: 326 x 190 mm (12.83" x 7.48")
- P/N: PCA-6115-0B1



PCA-6113P4R-0C1

- Segments: 1
- Slots: 7 ISA, 4 PCI, 2 PICMG
- Size: 315 x 260 mm (12.4" x 10.24")
- P/N: PCA-6113P4R-0C1



PCA-6113DP4-0A1

- Segment : 2
- Slots : 2 ISA, 7 PCI, 1 PICMG/PCI, 3 PCIMG
- Size: 315 x 260 mm (12.4" x 10.24")
- P/N : PCA-6113DP4-0A1



PCA-6114P4-C

- Segments: 1
- Slots: 8 ISA, 4 PCI, 2 PICMG
- Size: 315 x 260 mm (12.4" x 10.24")
- P/N: PCA-6114P4-C



PCA-6114P7-0D1

- Segments: 1
- Slots: 4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA
- Size: 315 x 260 mm (12.4" x 10.24")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots
- P/N: PCA-6114P7-0D1



PCA-6114P10-B

- Segments: 1
- Slots: 2 ISA, 10 PCI, 2 PICMG
- Size: 315 x 260 mm (12.4" x 10.24")
- PCI bridge: Pericom PI7C8150MA
- Primary PCI: 3 slots; Secondary PCI: 7 slots
- P/N: PCA-6114P10-B



PCA-6114P12-0B1

- Segments: 1
- Slots: 1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 315 x 260 mm (12.4" x 10.24")
- PCI bridge: Pericom PI7C8150MA
- Primary PCI: 3 slots; Secondary PCI: 9 slots
- P/N: PCA-6114P12-0B1



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Passive Backplanes

16/18/19-Slot ISA/PCI Backplanes

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

PCA-6116QP2-0B1

- Segments: 4
- Slots: 1 ISA, 8 PCI, 7 PICMG
- Size: 417 x 260 mm (16.42" x 10.24")
- P/N: PCA-6116QP2-0B1



PCA-6118DP7-0B1

- Segments: 2
- Slots: 1 ISA, 14 PCI, 3 PICMG
- Size: 417 x 260 mm (16.42" x 10.24")
- PCI bridge: Dual Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots
- P/N: PCA-6118DP7-0B1



PCA-6119P7-0B1

- Segments: 1
- Slots: 10 ISA, 7 PCI, 2 PICMG/PCI
- Size: 417 x 260 mm (16.42" x 10.24")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots
- P/N: PCA-6119P7-0B1



PCA-6119P17-0B1

- Segments: 1
- Slots: 16 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 417 x 260 mm (16.42" x 10.24")
- PCI bridge: Dual Pericom PI7C8150MA
- Primary PCI: 2 slots; Secondary PCI: 8 slots + 7 slots
- P/N: PCA-6119P17-0B1



20-Slot ISA/PCI Backplanes

PCA-6120-0B1

- Segments: 1
- Slots: 20 ISA
- Size: 417 x 200 mm (16.42" x 7.87")
- P/N: PCA-6120-0B1



PCA-6120D-0B1

- Segments: 2
- Slots: 10-10 ISA
- Size: 417 x 200 mm (16.42" x 7.87")
- P/N: PCA-6120D-0B1



PCA-6120Q-0B1

- Segments: 4
- Slots: 5-5-5-5 ISA
- Size: 417 x 200 mm (16.42" x 7.87")
- P/N: PCA-6120Q-0B1



PCA-6120P4-0B1

- Segments: 1
- Slots: 14 ISA, 4 PCI, 2 PICMG
- Size: 417 x 260 mm (16.42" x 10.24")
- P/N: PCA-6120P4-0B1

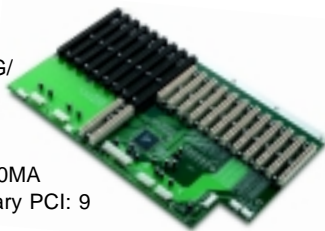


20-Slot ISA/PCI Backplanes

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

PCA-6120P12-0A1

- Segments: 1
- Slots: 7 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 417 x 260 mm (16.42" x 10.24")
- PCI bridge: Pericom PI7C8150MA
- Primary PCI: 3 slots; Secondary PCI: 9 slots
- P/N: PCA-6120P12-0A1



PCA-6120P18-0A1

- Segment: 1
- Slots: 1 ISA, 17 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 417x 260 mm (16.42" x 10.24")
- PCI bridge: Three Pericom PI7C8150MA
- Secondary: 6 slot/6 slot/6 slot
- P/N: PCA-6120P18-0A1



PCA-6120DP4-0B1

- Segments: 2
- Slots: 7 ISA, 6 PCI, 2 PICMG/PCI, 4 PICMG
- Size: 420 x 260 mm (16.42" x 10.24")
- P/N: PCA-6120DP4-0B1



64-bit ISA/PCI Backplanes

PCA-6108P6X-0A1

- Segment: 1
- Slots: 6 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 180 x 282 mm (7.09" x 11.1")
- PCI bridge: Intel® 21154
- Primary (64-bit/66 MHz): 3 slots
- Secondary (64-bit/33 MHz): 4 slots
- Jumper selectable 1: V_{IO} 3.3 V or 5V
- Jumper selectable 2: PCI bus 33 MHz or PCI bus 66 MHz
- Chassis: IPC-6908, IPC-6608
- P/N: PCA-6108P6X-0A1



PCA-6113P7X

- Segments: 1
- Slots: 4 ISA, 7 PCI, 2 PICMG
- Size: 315 x 300 mm (12.4" x 11.8")
- PCI bridge: Intel® 21154
- Primary (64-bit/66 MHz): 3 slots; Secondary (64-bit/66 MHz): 4 slots
- Jumper Selectable 1: V_{IO} 3.3 V or 5 V
- Jumper selectable 2: PCI bus 33 MHz or PCI bus 66 MHz
- Chassis: IPC-616, IPC-615, IPC-610, ACP-4000
- P/N: PCA-6113P7X



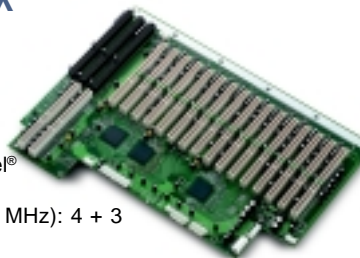
PCA-6114P12X-A1

- Segment : 1
- Slots : 1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG
- Size: 315 x 260 mm (12.4" x 10.24")
- PCI bridge : Intel® 21154
- Secondary (64-bit/66 MHz): 4 slots
- Secondary (64-bit/33 MHz): 8 slots
- Chassis : IPC-616, IPC-615, IPC-610, ACP-4000
- P/N : PCA-6114P12X-A1



PCA-6119P16X

- Segment: 1
- Slots: 1 ISA, 16 PCI, 2 PICMG
- Size: 417 x 300 mm (16.4" x 11.8")
- PCI bridge: Three Intel® 21154
- Secondary (64-bit/66 MHz): 4 + 3 slots
- Secondary (64-bit/33 MHz): 9 slots
- Jumper selectable 1: V_{IO} 3.3 V or 5V
- Jumper selectable 2: PCI bus 33 MHz or PCI bus 66 MHz
- Chassis: SPC-530, IPC-623, IPC-622, ACP-7000
- P/N: PCA-6119P16X



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