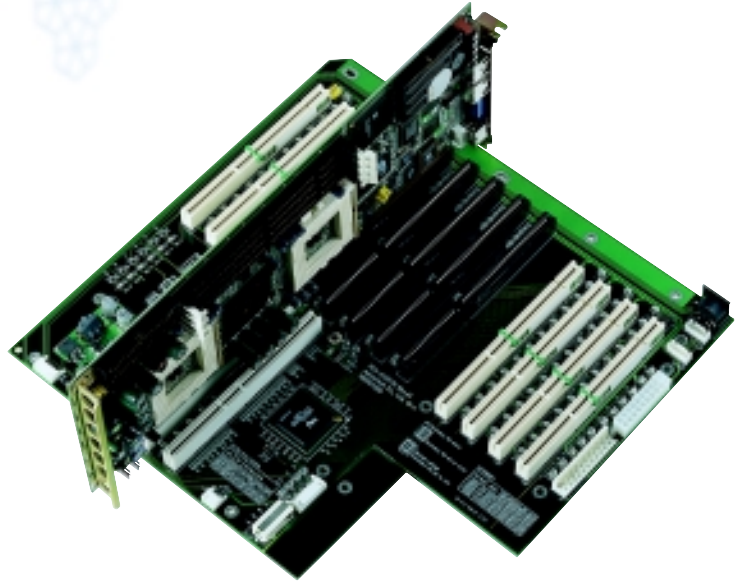


# Passive Backplanes

## Features

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



## Selection Guide

Specifications	Slots Per Segment			Segments Per Backplane	Compatible Advantech Chassis									
	ISA	PCI	CPU		SPC-530	IPC-622	IPC-623	IPC-616	IPC-615	IPC-610	IPC-6908	IPC-6806	IPC-6606	
PCA-6120	20	--	--	1	v	v	v	--	--	--	--	--	--	
PCA-6120D	10	--	--	2	v	v	v	--	--	--	--	--	--	
PCA-6120Q	5	--	--	4	v	v	v	--	--	--	--	--	--	
PCA-6120P4	15	4	1	1	v	v	v	--	--	--	--	--	--	
PCA-6119P7	11	7	1	1	v	v	v	--	--	--	--	--	--	
PCA-6119P10	8	10	1	1	--	v	v	--	--	--	--	--	--	
PCA-6119P17	1	17	1	1	v	v	v	--	--	--	--	--	--	
PCA-6118DP7	1	7	1	2	v	v	v	--	--	--	--	--	--	
PCA-6120DP4	5	4	1	2	v	v	v	--	--	--	--	--	--	
PCA-6116QP2	1	2	1	4	--	v	--	--	--	--	--	--	--	
PCA-6115	15	--	--	1	--	--	--	--	v	--	--	--	--	
PCA-6114	14	--	--	1	--	--	--	v	v	v	--	--	--	
PCA-6114P4-B	9	4	1	1	--	--	--	v	v	v	--	--	--	
PCA-6113P4R	8	4	1	1	--	--	--	v	v	v	--	--	--	
PCA-6114P7-C	6	7	1	1	--	--	--	v	v	v	--	--	--	
PCA-6113P7X	5	7	1	1	--	--	--	v	v	v	--	--	--	
PCA-6114P10	3	10	1	1	--	--	--	v	v	v	--	--	--	
PCA-6114P12	1	12	1	1	--	--	--	v	v	v	--	--	--	
PCA-6108-B	8	--	--	1	--	--	--	--	--	--	--	--	--	
PCA-6108E-B	8	--	--	1	--	--	--	--	--	--	v	--	--	
PCA-6108P4	4	4	1	1	--	--	--	--	--	--	v	--	--	
PCA-6108P4-B	3	4	1	1	--	--	--	--	--	--	v	--	--	
PCA-6108P6-B	1	6	1	1	--	--	--	--	--	--	v	--	--	
PCA-6106	6	--	--	1	--	--	--	--	--	--	--	v	v	
PCA-6106P3-B	3	3	1	1	--	--	--	--	--	--	--	v	v	

Remark:

1. All 14-slot backplanes are compatible with ACP-4000 series
2. 18 ~ 20-slot backplanes are compatible with ACP-7000 series, except PCA-6120Q and PCA-6116QP2

## 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 PCI: 3 slots; Secondary PCI: 4 slots
- Jumper selectable VIO 3.3 V or 5 V



## 6-Slot ISA/PCI Backplanes

### PCA-6106

- Segments: 1
- Slots: 6 ISA
- Size: 142 x 176 mm (55.9" x 69.3")



### PCA-6106P3-B

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

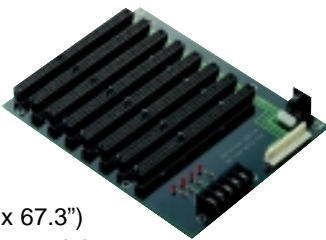


## 8-Slot ISA/PCI Backplanes

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

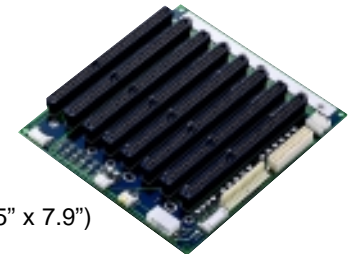
### PCA-6108

- 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 (16.5" x 7.9")



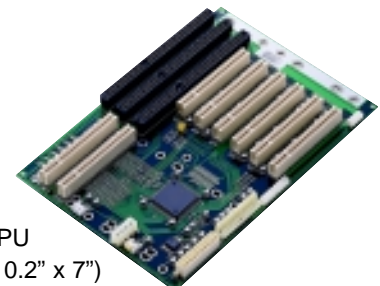
### PCA-6108P4-B

- Segments: 1
- Slots: 3 ISA/4 PCI/1 CPU
- Size: 260 x 180 mm (10.2" x 7")



### PCA-6108P6-B

- Segments: 1
- Slots: 1 ISA/6 PCI/1 CPU
- Size: 260 x 180 mm (10.2" x 7")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 3 slots

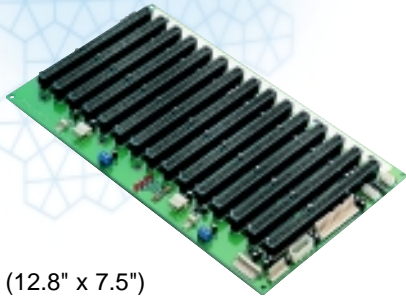


# 15/14-Slot ISA/PCI Backplanes

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

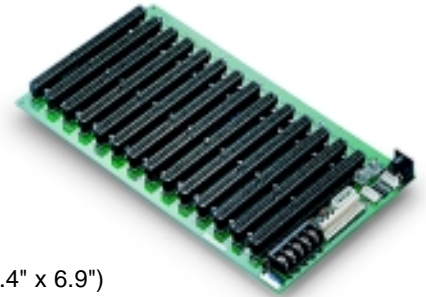
## PCA-6115

- Segments: 1
- Slots: 15 ISA
- Size: 326 x 190 mm (12.8" x 7.5")



## PCA-6114

- Segments: 1
- Slots: 14 ISA
- Size: 315 x 175 mm (12.4" x 6.9")



## PCA-6113P4R

- Segments: 1
- Slots: 8 ISA/4 PCI/1 CPU
- Size: 323 x 300 mm (12.7" x 11.8")



## PCA-6114P4-B

- Segments: 1
- Slots: 9 ISA/4 PCI/1 CPU
- Size: 323 x 300 mm (12.7" x 11.8")



## PCA-6114P7-C

- Segments: 1
- Slots: 6 ISA/7 PCI/1 CPU
- Size: 323 x 300 mm (12.7" x 11.8")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots



## PCA-6114P10

- Segments: 1
- Slots: 3 ISA/10 PCI/1 CPU
- Size: 323 x 300 mm (12.7" x 11.8")
- PCI bridge: Intel® 21150
- Primary PCI: 3 slots; Secondary PCI: 7 slots



## PCA-6114P12

- Segments: 1
- Slots: 1 ISA/12 PCI/1 CPU
- Size: 323 x 300 mm (12.7" x 11.8")
- PCI bridge: Intel® 21150
- Primary PCI: 3 slots; Secondary PCI: 9 slots



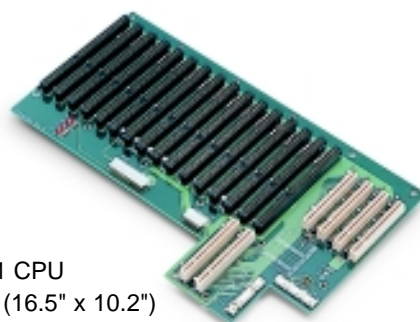
# 20-Slot ISA/PCI Backplanes

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



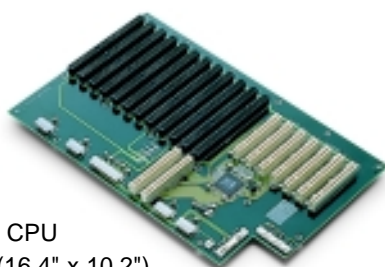
## PCA-6120/D/Q

- Segments: 1/2/4
- Slots: 20 ISA/10-10 ISA/5-5-5-5 ISA
- Size: 420 x 200 mm (16.5" x 7.9")



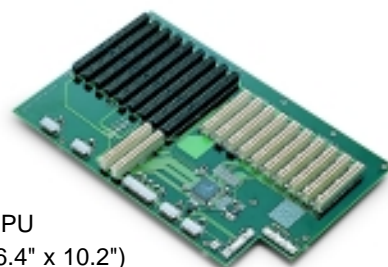
## PCA-6120P4

- Segments: 1
- Slots: 15 ISA/4 PCI/1 CPU
- Size: 420 x 260 mm (16.5" x 10.2")



## PCA-6119P7

- Segments: 1
- Slots: 11 ISA/7 PCI/1 CPU
- Size: 417 x 260 mm (16.4" x 10.2")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots



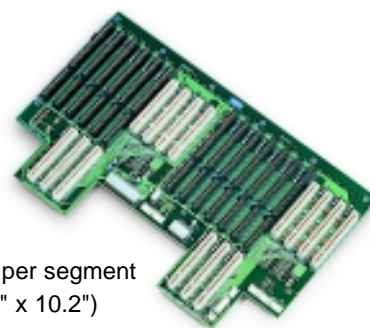
## PCA-6119P10

- Segments: 1
- Slots: 8 ISA/10 PCI/1 CPU
- Size: 417 x 260 mm (16.4" x 10.2")
- PCI bridge: Intel® 21150
- Primary PCI: 3 slots; Secondary PCI: 7 slots



## PCA-6119P17

- Segments: 1
- Slots: 1 ISA/17 PCI/1 CPU
- Size: 417 x 260 mm (16.4" x 10.2")
- PCI bridge: Dual Intel® 21150
- Primary PCI: 2 slots; Secondary PCI: 8 slots + 7 slots



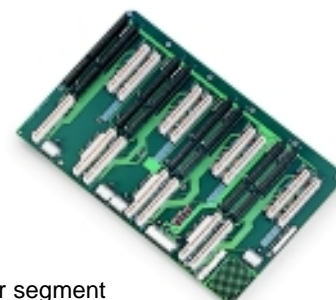
## PCA-6120DP4

- Segments: 2
- Slots: 5 ISA/4 PCI/1 CPU per segment
- Size: 420 x 260 mm (16.5" x 10.2")



## PCA-6118DP7

- Segments: 2
- Slots: 1 ISA/7 PCI/1 CPU per segment
- Size: 417 x 260 mm (16.4" x 10.2")
- PCI bridge: Intel® 21152
- Primary PCI: 3 slots; Secondary PCI: 4 slots



## PCA-6116QP2

- Segments: 4
- Slots: 1 ISA/2 PCI/1 CPU per segment
- Size: 417 x 260 mm (16.4" x 10.2")