

# PICMG 1.3 Backplane

## Selection Guide

PAC series wall-mount chassis

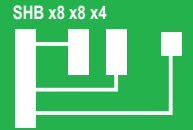

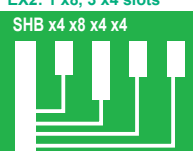


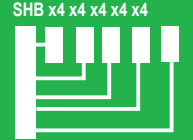

RU rack-mount chassis

Backplane		SPE-4S	SPE-6S	SPE-9S	SPXE-9S	SPXE-14S
Total	Slot	4	6	7	7	14
PCIe	x16					
	x8	2 (x16 connector)		1 (x16 connector)	1 (x16 connector)	1 (x16 connector)
	x4	1	5	3	2	
	x1					12
	PCI-X				2	
	PCI			3	2	
PSU Type		24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+8-pin ATX
Chassis Option		PAC-106G PAC-107G PAC-1000G	PAC-106G PAC-107G PAC-1000G	PAC-125G	PAC-125G	RACK-305G RACK-360G RACK-3000G

# Server Grade Backplane Solution

**Server grade backplane** accommodates PCIe x8 and multiple PCIe x4 add-on cards. It is specially designed for intensive data transfer applications such as server data storage and any application that requires more than one PCIe x4 or four PCIe x1 cards. Given the multiple PCIe x4 and x1 support, it provides a more cost effective solution for end-users by reducing the number of systems required.

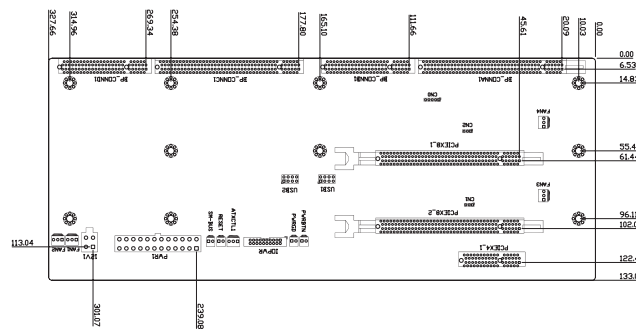
### Server Grade Backplane

Example	Corresponding Model
<p><b>EX1: 2 x8 &amp; 1 x4 slots</b></p> 	<p><b>SPE-4S</b></p> 
<p><b>EX2: 1 x8, 3 x4 slots</b></p> 	<p><b>SPE-9S</b>      <b>SPXE-9S</b></p>  
<p><b>EX3: 5 x4 slots</b></p> 	<p><b>SPE-6S</b></p> 

## System Solution for options

Backplane	Total	PCIe						PSU Type	Chassis Option
	Slot	x16	x8	x4	x1	PCI-X	PCI		
SPE-4S	4	-	2 (x16 connector)	1	-	-	24+4-pin ATX	PAC-106G, PAC-1000G	
SPE-6S	6	-		5	-	-	24+4-pin ATX	PAC-106G, PAC-1000G	
SPE-9S	7	-	1 (x16 connector)	3		3	24+4-pin ATX	PAC-125G	
SPXE-9S	7	-	1 (x16 connector)	2		2	24+4-pin ATX	PAC-125G	
SPXE-14S	14	-	1 (x16 connector)	-	12	-	24+4-pin ATX	RACK-305G, RACK-360G, RACK-3000G	

## SPE-4S-R10



### Ordering Information

SPE-4S-R10	4-slot PICMG 1.3 backplane with 2 PCIe x16 (x8 signal) and 1 PCIe x4 slots
PAC-106G	6-slot full-size compact chassis
PAC-107G	6-slot full-size compact chassis
PAC-1000G	6-slot full-size compact chassis

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

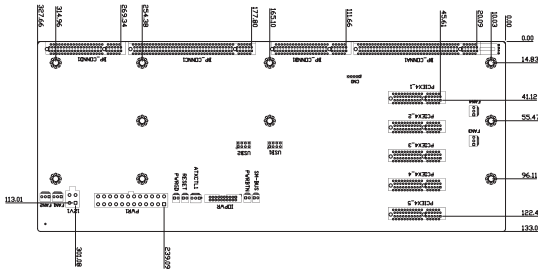
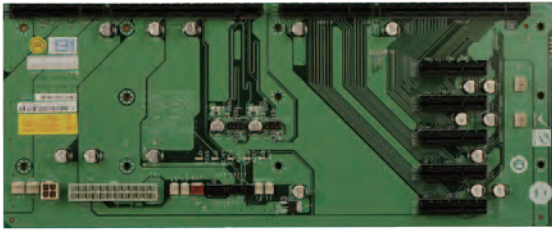
4 Automation Control

5 ORing Network Communication

6 Power Supply/Peripherals

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# SPE-6S-R10

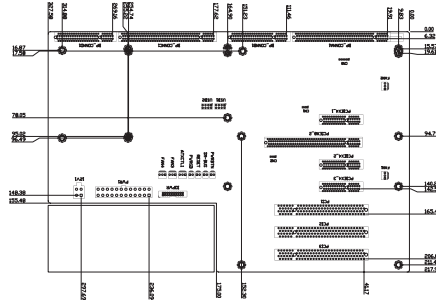
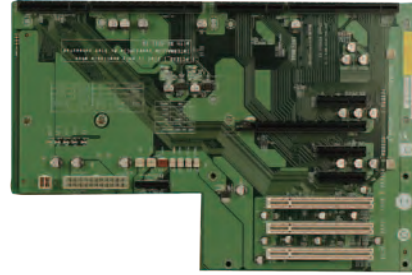


### Ordering Information

SPE-6S-R10	6-slot PICMG 1.3 backplane with 5 PCIe x4 slots
PAC-106G	6-slot full-size compact chassis
PAC-107G	6-slot full-size compact chassis
PAC-1000G	6-slot full-size compact chassis

Note: PCIeX4\_3 can't not work with SPICIE-C2060

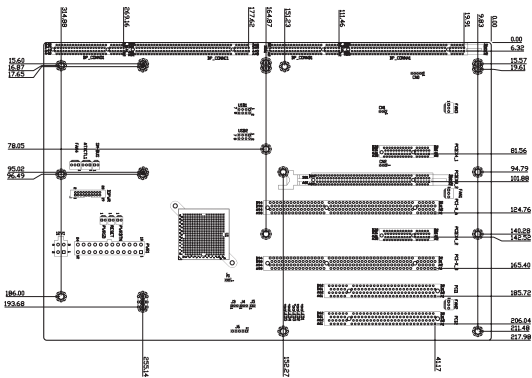
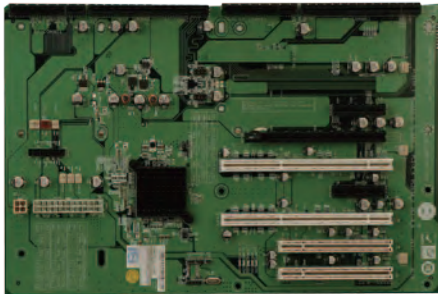
# SPE-9S-R11



### Ordering Information

SPE-9S-R11	7-slot PICMG 1.3 backplane with 1 PCIe x16 (x8 signal), 3 PCIe x4, and 3 PCI
PAC-125G	10-slot full-size compact chassis

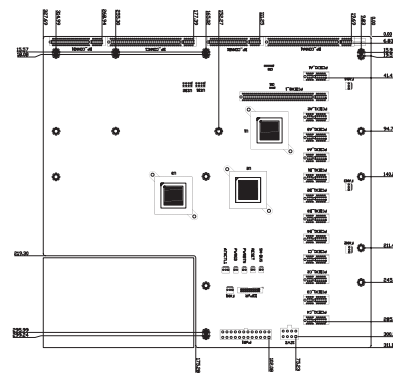
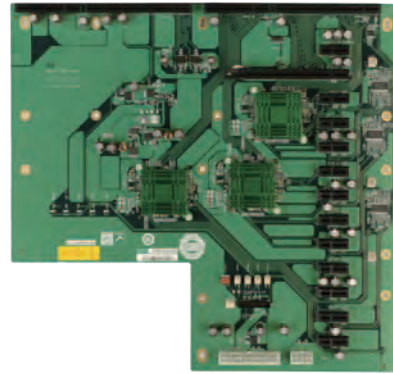
# SPXE-9S-R11



### Ordering Information

SPXE-9S-R11	7-slot PICMG 1.3 backplane with 1 PCIe x16 (x8 signal), 2 PCIe x4, 2 PCI-X and 2 PCI
PAC-125G	10-slot full-size compact chassis

# SPXE-14S-R10



### Ordering Information

SPXE-14S-R10	14-slot PICMG 1.3 backplane with 1 PCIe x16 (x8 signal) and 12 PCIe x1
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis

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# PICMG 1.3 Passive Backplane

## Selection Guide

PAC series wall-mount chassis

1U/5U rack-mount chassis

Rack-mount chassis

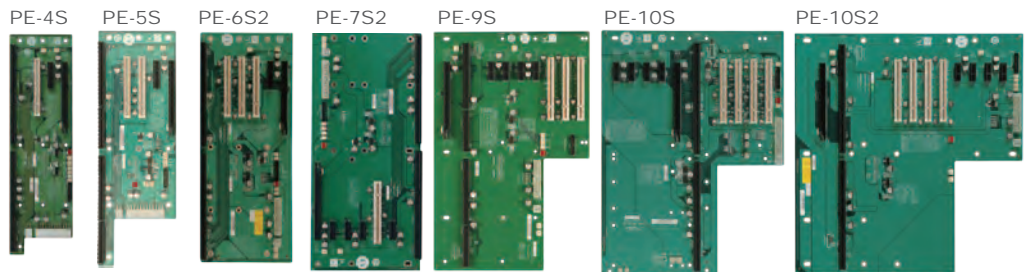
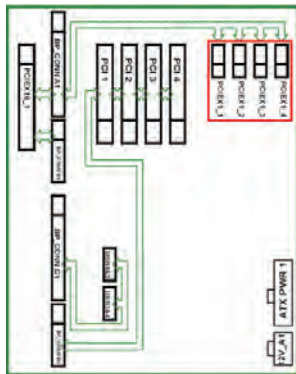
PICMG 1.3 (PCIe+PCI)	Model	PE-2SD1	PE-2SD2	PE-4S	PE-4S2	PE-4S3	PE-5S	PE-5S2	PE-6S	PE-6S2	PE-6S3	PE-6SD	PE-6SD2	PE-6SD3
Total Slot		2	2	4	4	4	5	5	6	6	6	5	5	5
Expansion Slots	PCIe Slots	x16 *	1		1	1	1	1	1	1	1	1	1	1
		x4			1			1		1				1
	PCI-X Slots	x1					2		3	2		3	2	
		PCI Slots												
USB Connectors by Pin Header		4	4	4	4	4	4	4	4	4	4	4	4	4
PSU Type		24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX
Chassis		RACK-1150-PE RACP-1151-PE	RACK-1150-PE RACP-1151-PE	N/A	N/A	N/A	RACK-500G	RACK-500G	RACK-305G RACK-360G RACK-3000G PAC-1700G PAC-125	PAC-106G x 1 PAC-107G x 1 PAC-1000G	PAC-106G x 1 PAC-107G x 1 PAC-1000G	N/A	N/A	N/A
Note		1U Type	1U Type									2U Type	2U Type	2U Type

PICMG 1.3 (PCIe+PCI)	Model	PE-7S	PE-7S2	PE-8S	PE-9S	PE-10S	PE-10S2	PE-13SD	PE-16SQ	PXE-9X2	PXE-12S	PXE-13S	PXE-19S	PXE-19S2
Total Slot		7	7	8	9	10	10	13	16	9	12	13	19	19
Expansion Slots	PCIe Slots	x16 *	1	1	1	1	1	1/1	1/1/1/1	1	1	1	1	1
		x4							1/0	1/1/1/1	3			
	PCI-X Slots	x1	2	4	3	4	4	4	0/4	0		3	1	1
		PCI Slots									0	6		
USB Connectors by Pin Header		4	4	4	4	4	4	2/2	1/1/1/1	4	4	8	16	16
PSU Type		24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	Dual 24+4-pin ATX	Three 20+4-pin ATX One 24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+4-pin ATX
Chassis		PAC-1700G	PAC-1700G	PAC-125G	N/A	RACK-305G RACK-360G RACK-3000G	RACK-3000G RACK-305G RACK-360G	RACK-3000G RACK-305G RACK-360G	N/A	RACK-3000G RACK-305G RACK-360G	RACK-3000G RACK-305G RACK-360G	RACK-3000G RACK-305G RACK-360G	N/A	N/A
Note								Dual System Backplane	Quad System Backplane	PCIe to PCIe switch Backplane	PCIe to PCI-X Bridge Backplane	PCIe to PCI Bridge Backplane		

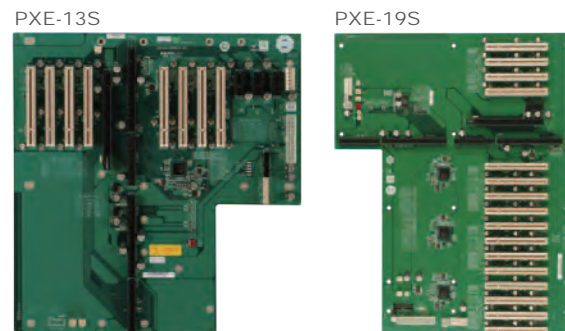
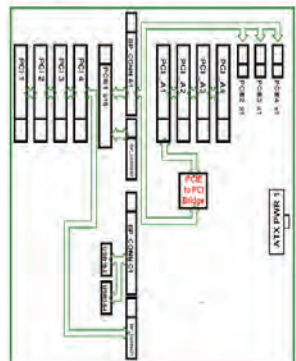
\*When using a PCIe x16 add-on card, the length of the card must not exceed 167mm or 6.57 inches.

## IEI Graphics Grade Backplane Solution

The graphics grade backplane solution targets the applications which concern system speed and performance. It has higher performance over cost ratio than the previous PICMG 1.0 solution.



- Twenty PCIe lanes total
- One PCIe x16 slot
- Up to four PCIe x1 or one PCIe x4 slot
- Up to four local PCI slots (w/o bridge)



- Twenty PCIe lanes total
- One PCIe x16 slot
- Up to four PCIe x1 slots
- PCI slots expandable via PCIe to PCI bridge

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Industrial Computing Solutions

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Video Capture Solutions

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Embedded Computing Solutions

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Automation Control

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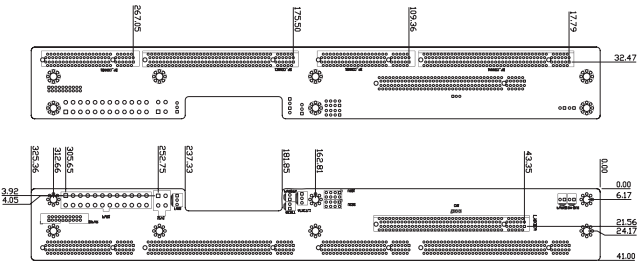
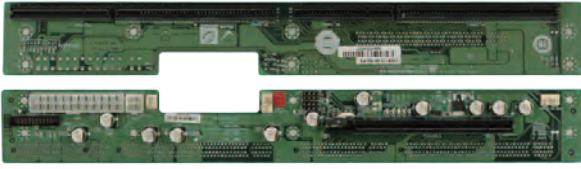
Power Supply/Peripherals

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Panel Solutions Introduction

## PE-2SD1-R10

For 1U system!

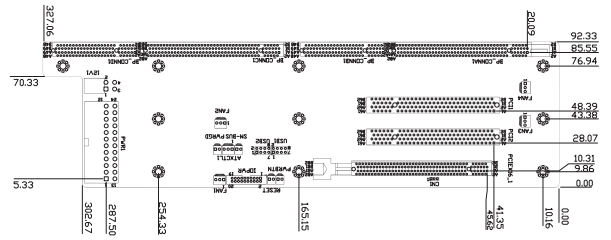


### Ordering Information

PE-2SD1-R10 2-slot backplane with one PCIe slot  
 RACK-1150G-PE 1U full-size rack-mount chassis

## PE-4S2-R40

Mounting holes compatible with PCI-4S

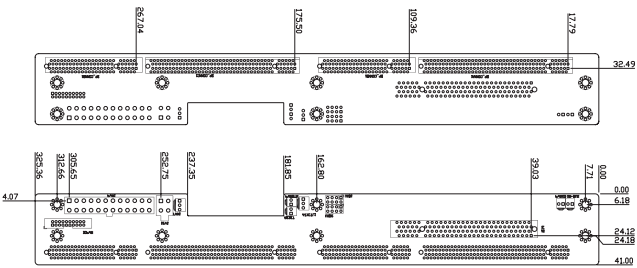
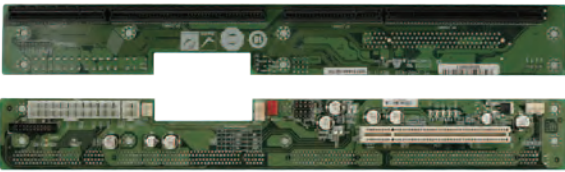


### Ordering Information

PE-4S2-R40 4-slot backplane with one PCIe x16 slot and two PCI slots

## PE-2SD2-R10

For 1U system!

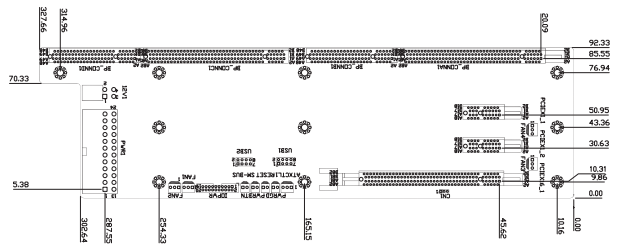


### Ordering Information

PE-2SD2-R10 2-slot backplane with one PCI slot  
 RACK-1150G-PE 1U full-size rack-mount chassis

## PE-4S3-R40

Mounting holes compatible with PCI-4S

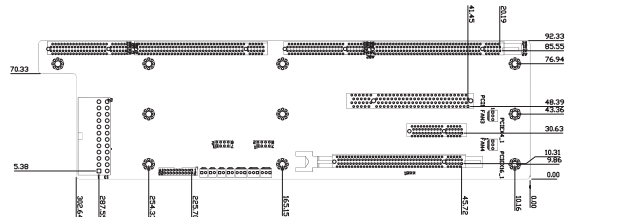


### Ordering Information

PE-4S3-R40 4-slot backplane with one PCIe x16 slot and two PCIe x1 slots

## PE-4S-R40

Mounting holes compatible with PCI-4S

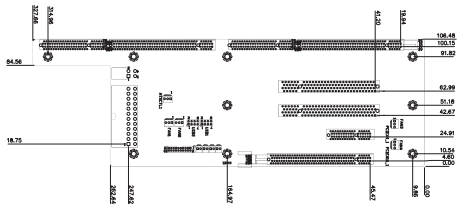
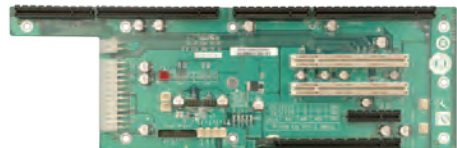


### Ordering Information

PE-4S-R40 4-slot backplane with one PCIe x16 slot, one PCIe x4 slot and one PCI slot

## PE-5S-R40

Mounting holes compatible with PCI-5S



### Ordering Information

PE-5S-R40 5-slot backplane with one PCIe x16 slot, one PCIe x4 slot and two PCI slots  
 RACK-500G 5U 5-slot full-size rack-mount chassis

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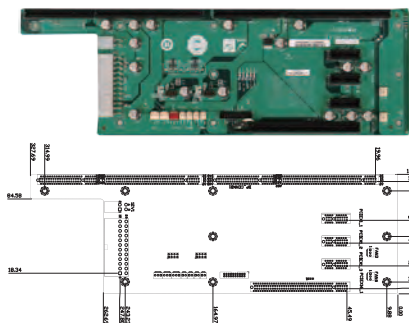
5 ORing Network Communication

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## PE-5S2-R40

Mounting holes compatible with PCI-5S

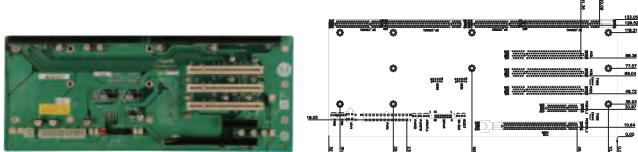


### Ordering Information

PE-5S2-R40	5-slot backplane with one PCIe x16 slot and three PCIe x1 slots
RACK-500G	5U 5-slot full-size rack-mount chassis

## PE-6S2-R40

Mounting holes compatible with PCI-6S



### Ordering Information

PE-6S2-R40	6-slot backplane with one PCIe x16 slot, one PCIe x4 slot and three PCI slots
PAC-106G *	6-slot full-size compact chassis
PAC-107G *	6-slot full-size compact chassis
PAC-1000G	6-slot full-size compact chassis

\* When using a PCIe x16 add-on card, the length of the card must not exceed 167mm or 6.57 inches.

## PE-6SD2-R40

Mounting holes compatible with PCI-6SD

2U Type

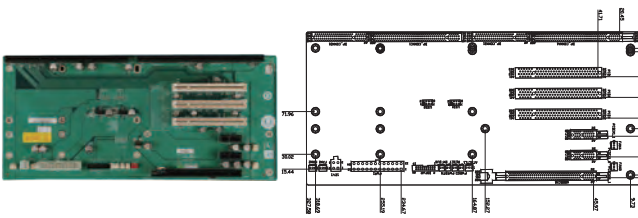


### Ordering Information

PE-6SD2-R40	5-slot backplane with one PCIe x16 slot, two PCIe x1 slots and one PCI slot
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## PE-7S-R40

Mounting holes compatible with PCI-7S

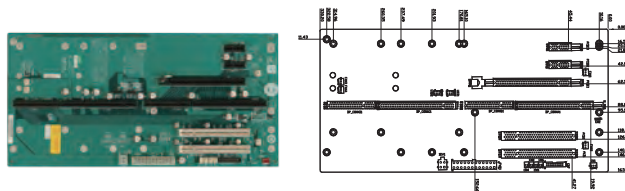


### Ordering Information

PE-7S-R40	7-slot backplane with one PCIe x16 slot, two PCIe x1 slots and three PCI slots
PAC-1700G	7-slot full-size compact chassis

## PE-6S-R41

Mounting holes compatible with PCI-7S



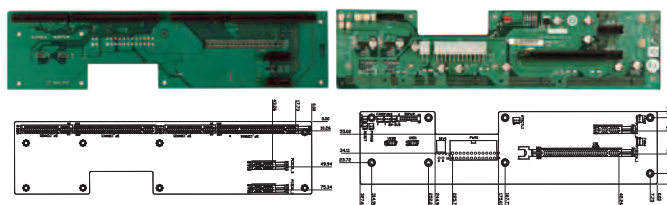
### Ordering Information

PE-6S-R41	6-slot backplane with one PCIe x16 slot, two PCIe x1 slots and two PCI slots
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis
PAC-1700G	7-slot full-size compact chassis
PAC-125G	10-slot full-size compact chassis

## PE-6SD-R40

Mounting holes compatible with PCI-6SD

2U Type



### Ordering Information

PE-6SD-R40	5-slot backplane with one PCIe x16 slot and three PCIe x1 slots
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## PE-6SD3-R40

Mounting holes compatible with PCI-6SD

2U Type

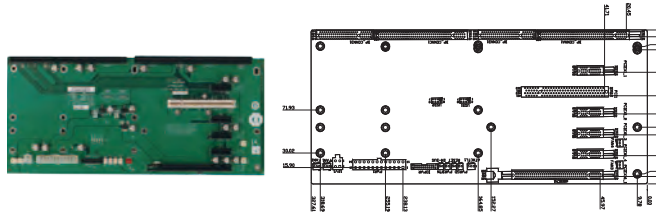


### Ordering Information

PE-6SD3-R40	5-slot backplane with one PCIe x16 slot, one PCIe x4 slot and two PCI slots
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## PE-7S2-R40

Mounting holes compatible with PCI-7S



### Ordering Information

PE-7S2-R40	7-slot backplane with one PCIe x16 slot, four PCIe x1 slots and one PCI slot
PAC-1700G	7-slot full-size compact chassis

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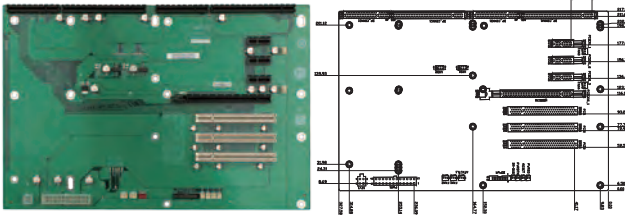
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Power Supply/Peripherals

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Panel Solutions Introduction

## PE-8S-R40

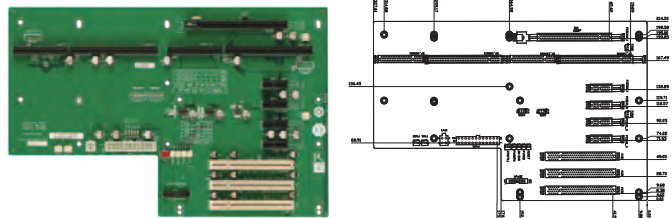


### Ordering Information

PE-8S-R40	8-slot backplane with one PCIe x16 slots, three PCIe x1 slots and three PCI slots
PAC-125G	10-slot full-size compact chassis

## PE-9S-R40

Mounting holes compatible with PCI-10S2

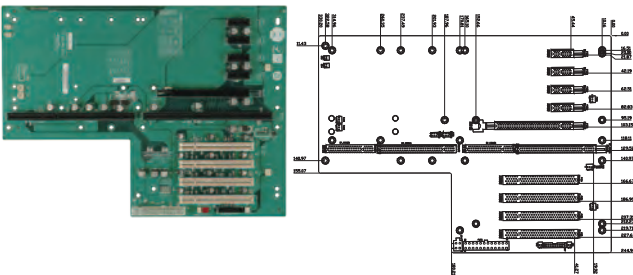


### Ordering Information

PE-9S-R40	9-slot backplane with one PCIe x16 slot, four PCIe x1 slots and three PCI slots
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## PE-10S-R40

Mounting holes compatible with PCI-14S

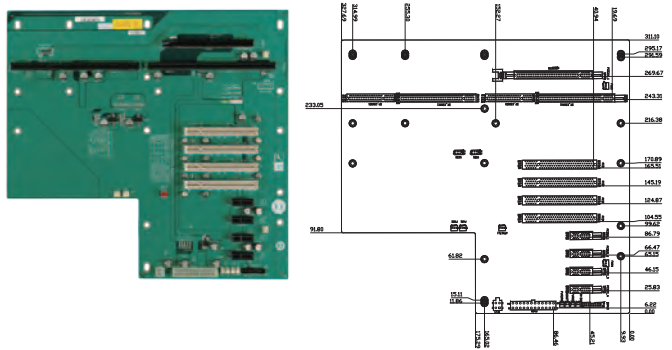


### Ordering Information

PE-10S-R40	10-slot backplane with one PCIe x16 slot, four PCIe x1 slots and four PCI slots
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis

## PE-10S2-R40

Mounting holes compatible with PCI-14S



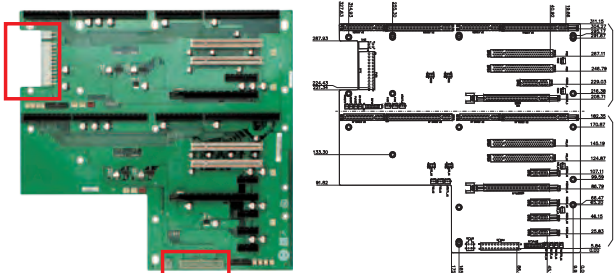
### Ordering Information

PE-10S2-R40	10-slot backplane with one PCIe x16 slot, four PCIe x1 slots and four PCI slots
RACK-3000G	4U 14-slot full-size rack-mount chassis
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis

## PE-13SD-R40

Mounting holes compatible with PCI-14S

Dual system



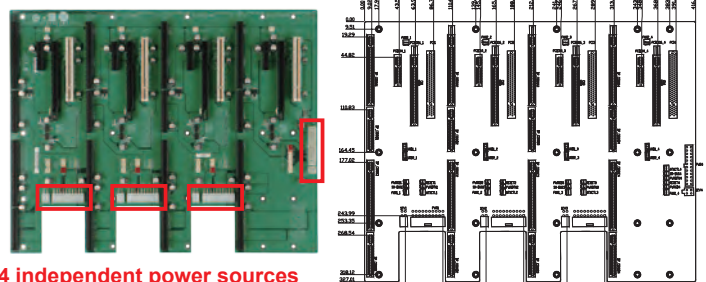
2 independent power resources

### Ordering Information

PE-13SD-R40	13-slot backplane with two PCIe x16 and one PCIe x4 and four PCIe x1 and four PCI slot
RACK-3000G	4U 14-slot full-size rack-mount chassis
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis

## PE-16SQ-R10

Quad system



4 independent power sources

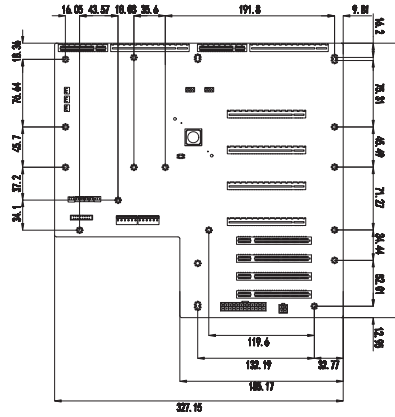
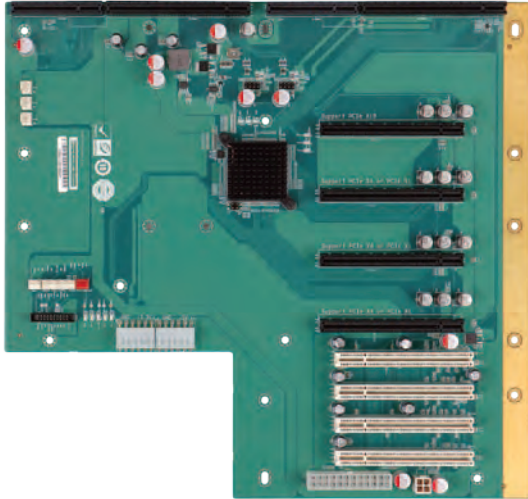
### Ordering Information

PE-16SQ-R10	4-system backplane with each system having one PCIe x16 slot, one PCIe x4 slot and one PCI slot
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# PXE-9S2-R10

Mounting holes compatible with PCI-14S

**New**



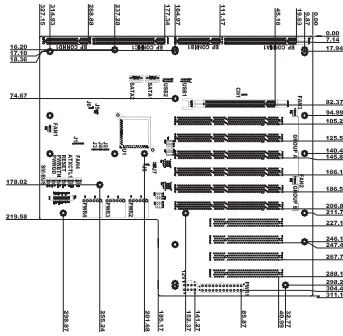
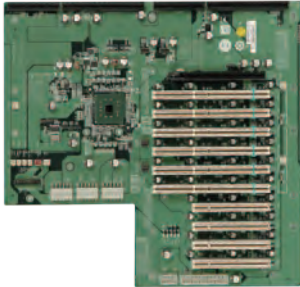
## Ordering Information

PXE-9S2-R10	9-slot PICMG 1.3 backplane, 1 PCIe x16 w/ x16 slots, 3 PCIe x4 w/ x16 slots, 4 PCI, RoHS
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis

# PXE-12S-R10

Mounting holes compatible with PCI-14S

(PCIe to PCI-X Bridge)



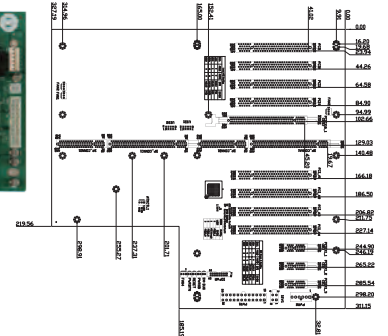
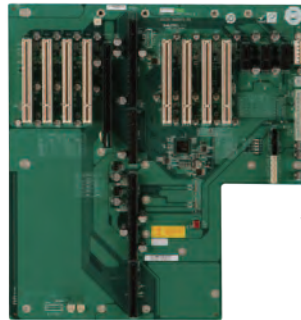
## Ordering Information

PXE-12S-R10	12-slot backplane with one PCIe x16 slot, six PCI-X slots and four PCI slots
RACK-3000G	4U 14-slot full-size rack-mount chassis
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis

# PXE-13S-R50

Mounting holes compatible with PCI-14S

(PCIe to PCI Bridge)



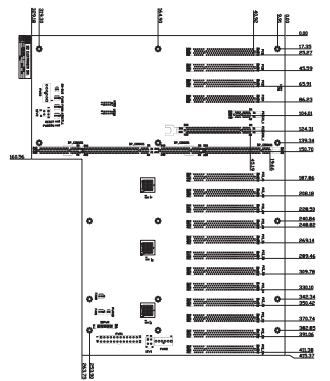
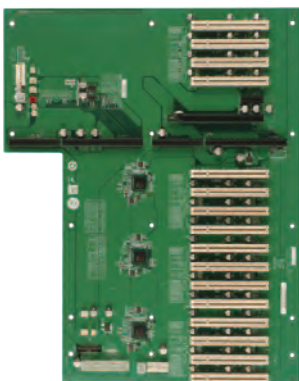
## Ordering Information

PXE-13S-R50	13-slot backplane with one PCIe x16 slot, three PCIe x1 slots and eight PCI slots
RACK-3000G	4U 14-slot full-size rack-mount chassis
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis

# PXE-19S-R40

Mounting holes compatible with PCI-19S

(PCIe to PCI Bridge)



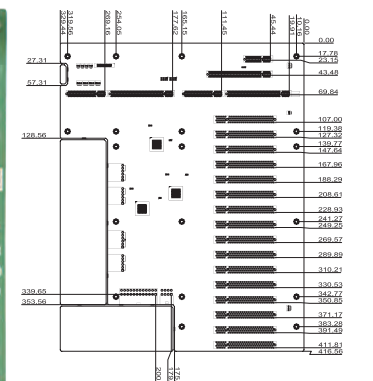
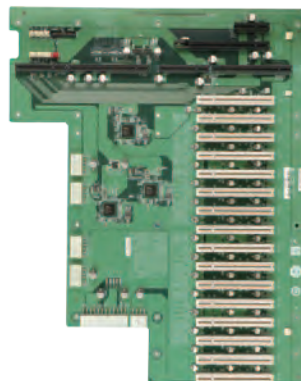
## Ordering Information

PXE-19S-R40	19-slot backplane with one PCIe x16 slot, one PCIe x1 slot and sixteen PCI slots
-------------	--

# PXE-19S2-R10

Mounting holes compatible with PCI-19S

(PCIe to PCI Bridge)



## Ordering Information

PXE-19S2-R10	19-slot backplane with one PCIe x16 slot, one PCIe x1 slot and sixteen PCI slots
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1

Industrial Computing Solutions

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Automation Control

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ORing Network Communication

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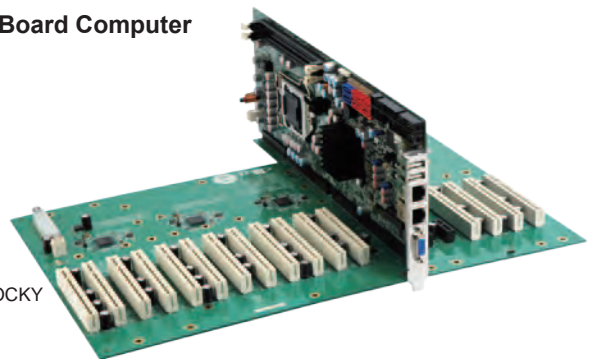
Power Supply/Peripherals

7

Panel Solutions Introduction

# PCI/PX Backplane

Supports PCI and ISA slot on one backplane! For PICMG 1.0 Single Board Computer



The advantages of using the PICMG 1.0 card series are numerous:

1. Supports standard PICMG version 1.0 slot on the PCI/PX series passive backplane.
2. Compatible with all available PCI/ISA cards. PCI/PX backplane is also integrated with the ROCKY series card slot.

## Selection Guide

  PAC series wall-mount chassis 4U/5U
   mount chassis 1U/2U rack-mount
   chassis



Model	PCI-4S-RS-R40	PCI-5S-RS-R40	PCI-5S2A-RS-R40 PCI-5S2-RS-R40	PCI-6S-RS-R40	PCI-7S-RS-R41	PCI-8S-RS-R40	PX-8S-RS-R41
Total Slot	4	5	5	6	7	8	8
PCI Slot	3	3	4	4	4	4	6
ISA Slot	1	2	1	2	3	4	2
PSU Type	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT
Chassis	N/A	PAC-1000G	RACK-500G	PAC-106G PAC-107G PAC-1000G	PAC-1700G	N/A	N/A



Model	PCI-10S-RS-R41	PCI-10S2-RS-R41	PX-10S-RS-R50	PCI-12S-RS-R40	PCI-13SD-RS-R40	PCI-14S-RS-R40	PCI-14S2-RS-R40
Total Slot	10	10	10	12	13	14	14
PCI Slot	4	4	7	4	3+4	4	4
ISA Slot	5	5	3	7	3+3	9	8
PSU Type	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT
Chassis	PAC-125G	N/A	PAC-125G	RACK-3000G	RACK-305G RACK-360G RACK-3000G	N/A	RACK-305G RACK-360G RACK-3000G
Note					for Dual System		



Model	PCI-14S3-RS-R41	PX-14S2-RS-R41	PX-14S3-RS-R50	PX-14S5-RS-R50	PCI-19S-RS-R40	PX-20S2-RS-R40	PX-20S3-RS-R40
Total Slot	14	14	14	14	19	20	20
PCI Slot	4	7	12	7	4	17	18
ISA Slot	9	6	2	6	14	3	1
PSU Type	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT	ATX/AT
Chassis	RACK-305G RACK-360G RACK-3000G	RACK-3000G	RACK-305G RACK-360G RACK-3000G	RACK-305G RACK-360G RACK-3000G	N/A	N/A	N/A



Model	PCI-2SD2-RS-R41	PCI-5SD5-RS-R40	PCI-5SD6-RS-R40	PCI-5SDA-RS-R40	PCI-6SD-RS-R40/PCI-6SR-RS-R40
Total Slot	2	6	6	6	6
PCI Slot	R2	L2+R2	L2+R2	L2+R2	L1+R1
ISA Slot					L1+R1
PSU Type	ATX/AT	AT	ATX	ATX/AT	ATX
Chassis	RACK-1150G	RACK-220G	RACK-220G	RACK-220G	RACK-220G

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

4 Automation Control

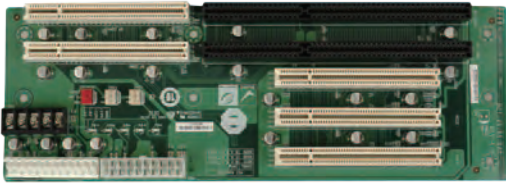
5 ORing Network Communication

6 Power Supply/ Peripherals

7 Panel Solutions Introduction

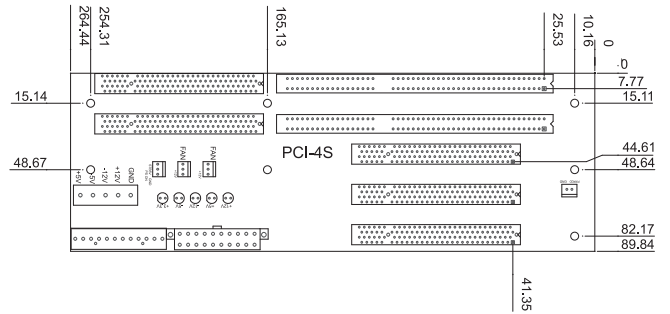


## PCI-4S-RS-R40

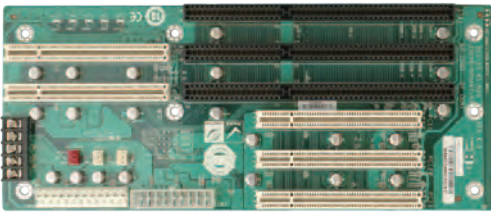


### Ordering Information

PCI-4S-RS-R40 4-slot backplane with three PCI slots and one ISA slot



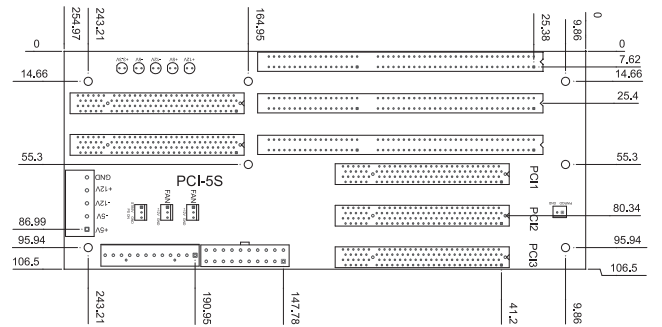
## PCI-5S-RS-R40



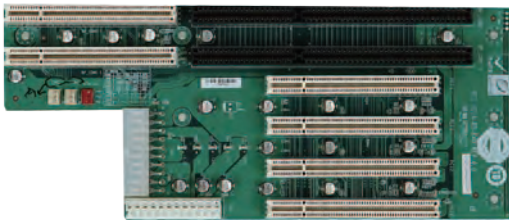
### Ordering Information

PCI-5S-RS-R40 5-slot backplane with three PCI slots and two ISA slots

PAC-1000G 6-slot full-size compact chassis



## PCI-5S2-RS-R40/PCI-5S2A-RS-R40

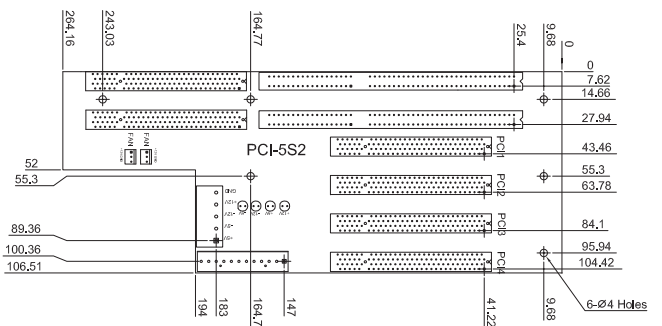


### Ordering Information

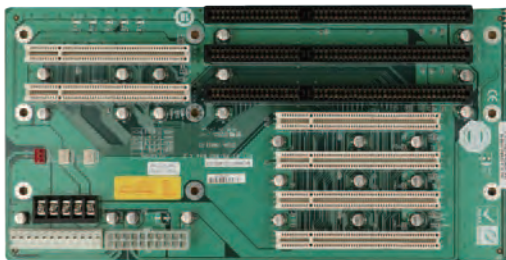
PCI-5S2-RS-R40 5-slot AT power backplane with four PCI slots and one ISA slot

PCI-5S2A-RS-R40 5-slot ATX power backplane with four PCI slots and one ISA slot

RACK-500G 5-slot full-size compact chassis



## PCI-6S-RS-R40



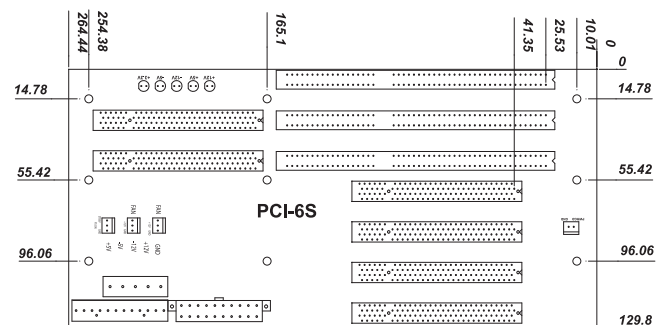
### Ordering Information

PCI-6S-RS-R40 6-slot backplane with four PCI slots and two ISA slots

PAC-106G 6-slot full-size compact chassis

PAC-107G 6-slot full-size compact chassis

PAC-1000G 6-slot full-size compact chassis



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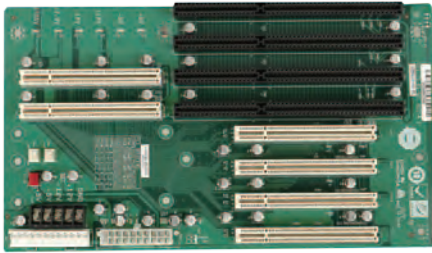
6

Power Supply/Peripherals

7

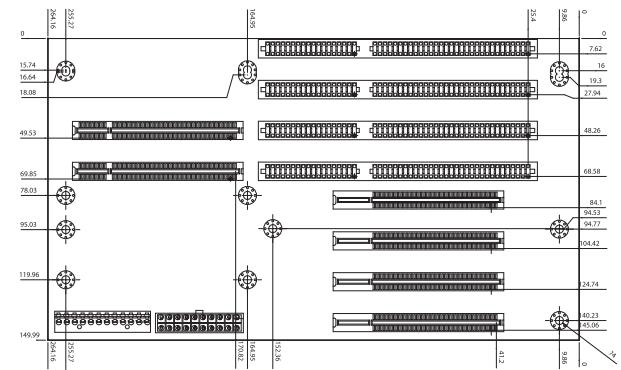
Panel Solutions Introduction

## PCI-7S-RS-R41

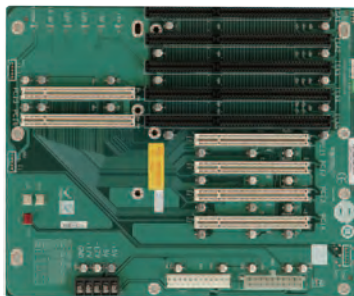


### Ordering Information

PCI-7S-RS-R41	7-slot backplane with four PCI slots and three ISA slots
PAC-1700G	7-slot full-size compact chassis

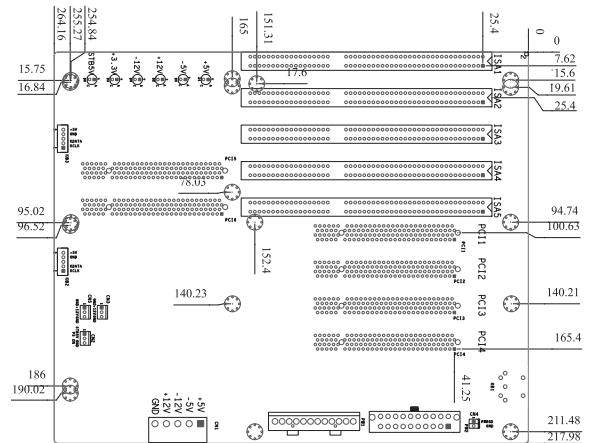


## PCI-8S-RS-R40

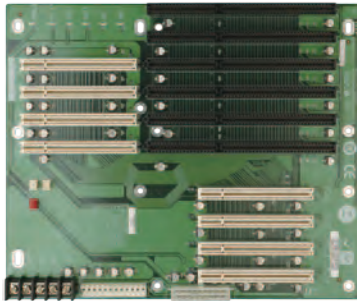


### Ordering Information

PCI-8S-RS-R40	8-slot backplane with four PCI slots and four ISA slots
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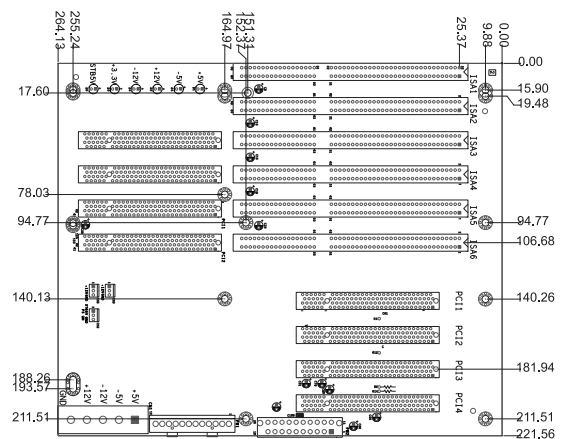


## PCI-10S-RS-R41

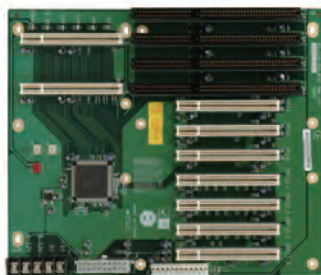


### Ordering Information

PCI-10S-RS-R41	10-slot backplane with four PCI slots and five ISA slots
PAC-125G	10-slot full-size compact chassis

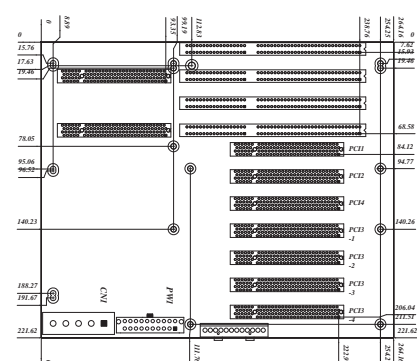


## PX-10S-RS-R50



### Ordering Information

PX-10S-RS-R50	10-slot backplane with seven PCI slots and three ISA slots
PAC-125G	10-slot full-size compact chassis



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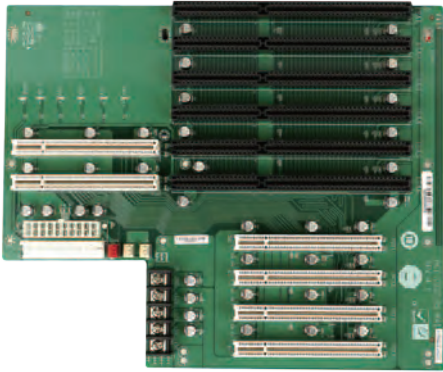
4 Automation Control

5 ORing Network Communication

6 Power Supply/Peripherals

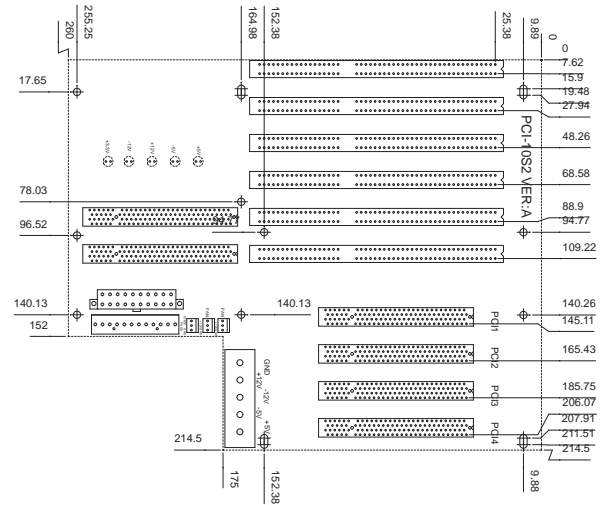
7 Panel Solutions Introduction

## PCI-10S2-RS-R41

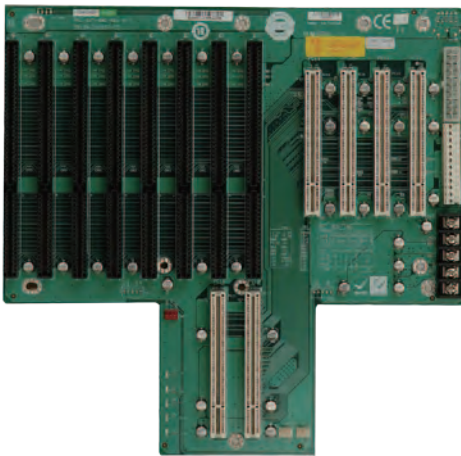


### Ordering Information

PCI-10S2-RS-R41 10-slot backplane with four PCI slots and five ISA slots

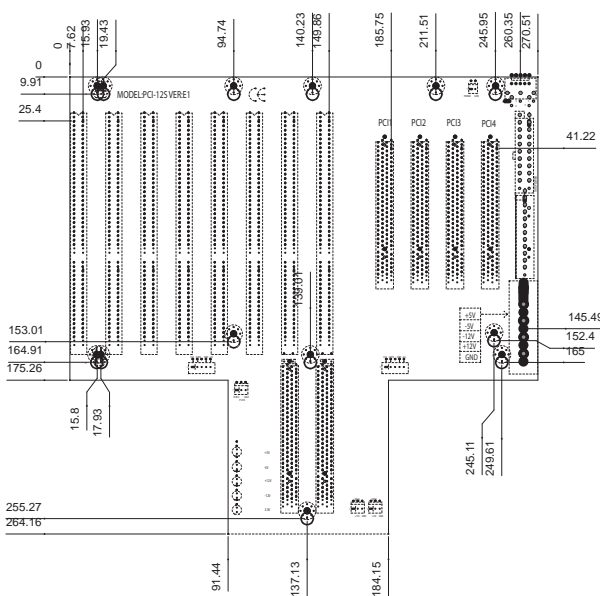


## PCI-12S-RS-R40

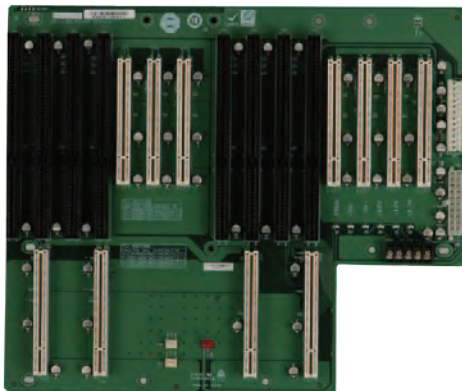


### Ordering Information

PCI-12S-RS-R40 12-slot backplane with four PCI slots and seven ISA slots  
 RACK-3000G 4U 14-slot full-size rack-mount chassis

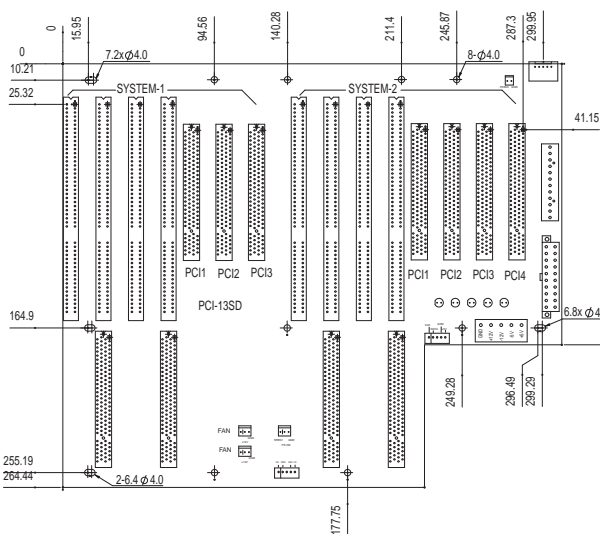


## PCI-13SD-RS-R40 Dual System



### Ordering Information

PCI-13SD-RS-R40 13-slot dual-system backplane with system 1 having 3 PCI slots and three ISA slots and system 2 having four PCI slots and three ISA slots  
 RACK-305G 4U 14-slot full-size rack-mount chassis  
 RACK-360G 4U 14-slot full-size rack-mount chassis  
 RACK-3000G 4U 14-slot full-size rack-mount chassis



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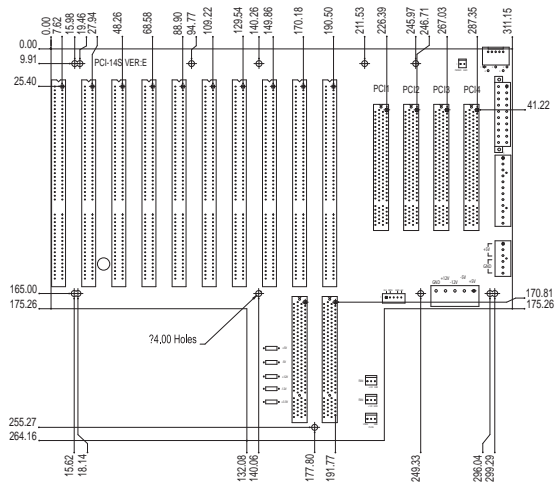
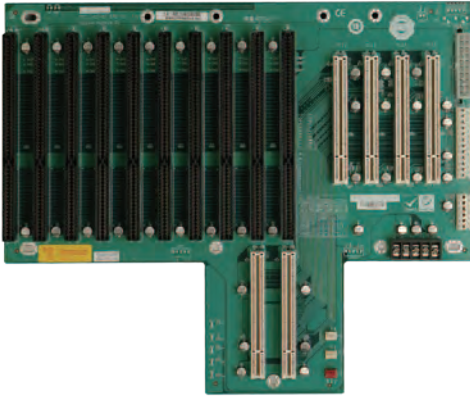
6

Power Supply/Peripherals

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Panel Solutions Introduction

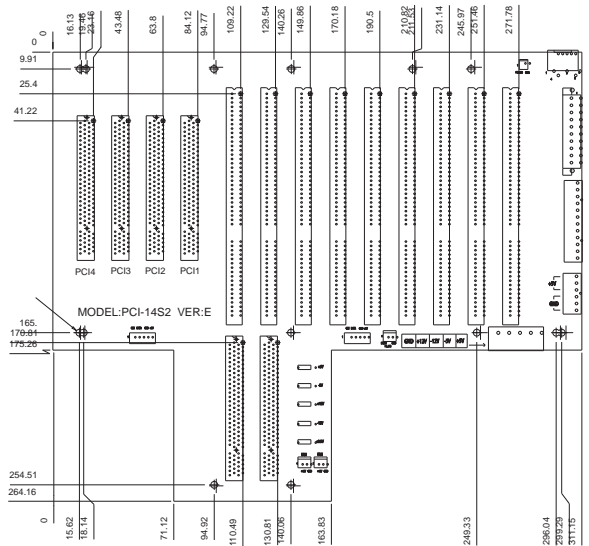
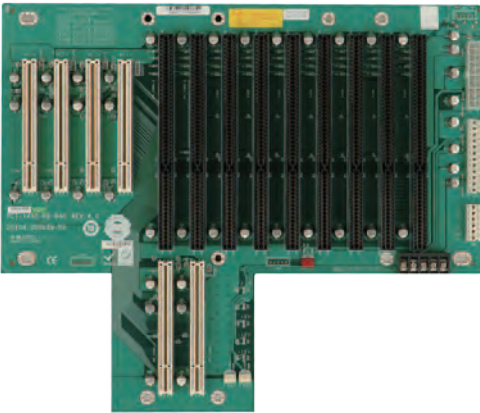
# PCI-14S-RS-R40



**Ordering Information**

PCI-14S-RS-R40 14-slot backplane with 4 PCI slots and 9 ISA slots

# PCI-14S2-RS-R40



**Ordering Information**

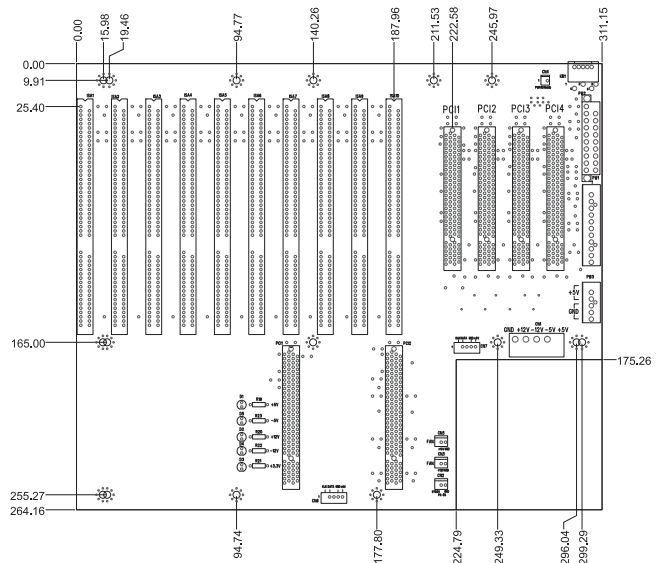
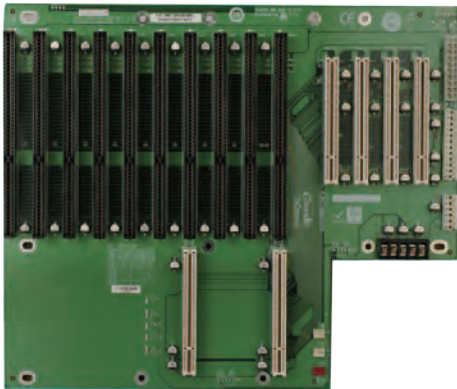
PCI-14S2-RS-R40 14-slot backplane with 4 PCI slots and 8 ISA slots

RACK-305G 4U 14-slot full-size rack-mount chassis

RACK-360G 4U 14-slot full-size rack-mount chassis

RACK-3000G 4U 14-slot full-size rack-mount chassis

# PCI-14S3-RS-R40



**Ordering Information**

PCI-14S3-RS-R40 14-slot backplane with 4 PCI slots and 9 ISA slots

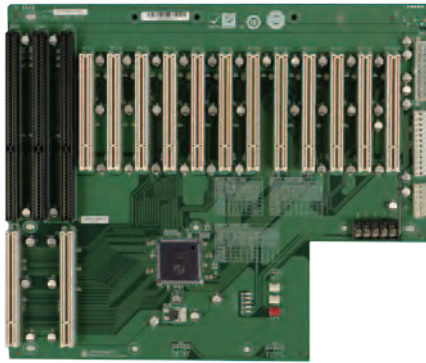
RACK-305G 4U 14-slot full-size rack-mount chassis

RACK-360G 4U 14-slot full-size rack-mount chassis

RACK-3000G 4U 14-slot full-size rack-mount chassis

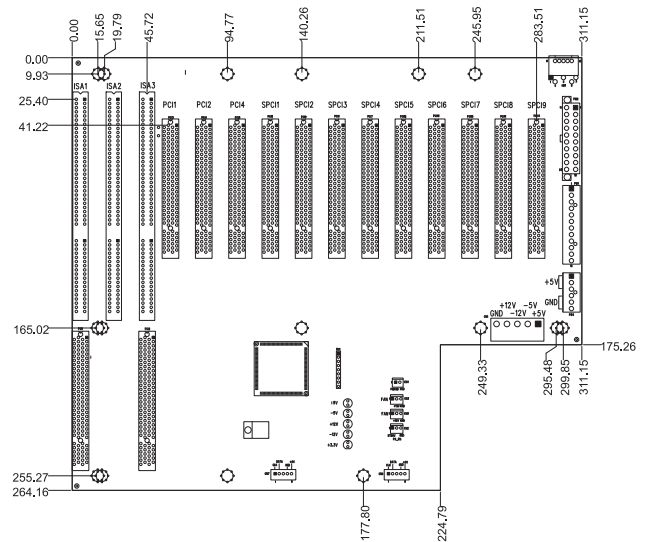
- 1 Industrial Computing Solutions
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## PX-14S3-RS-R50

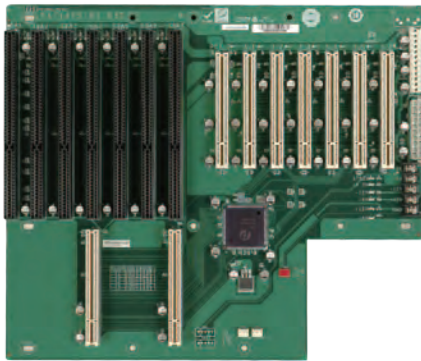


### Ordering Information

PX-14S3-RS-R50	14-slot backplane with 12 PCI slots and 2 ISA slots
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis

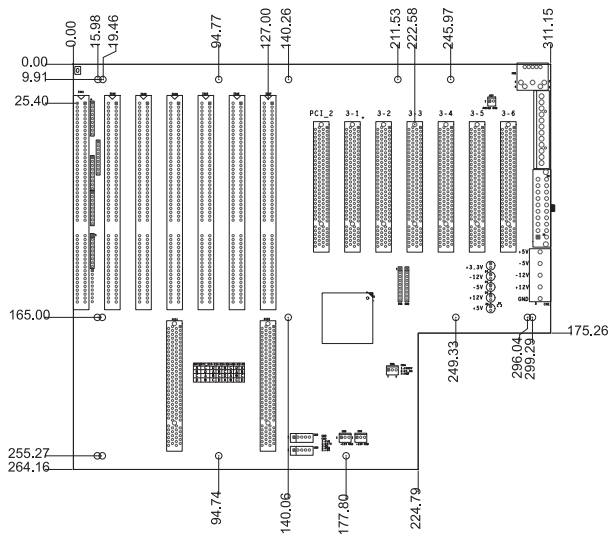


## PX-14S5-RS-R50

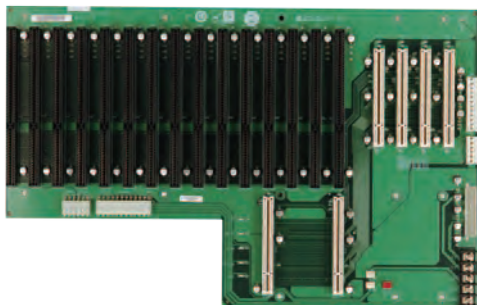


### Ordering Information

PX-14S5-RS-R50	14-slot backplane with 7 PCI slots and 6 ISA slots
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis

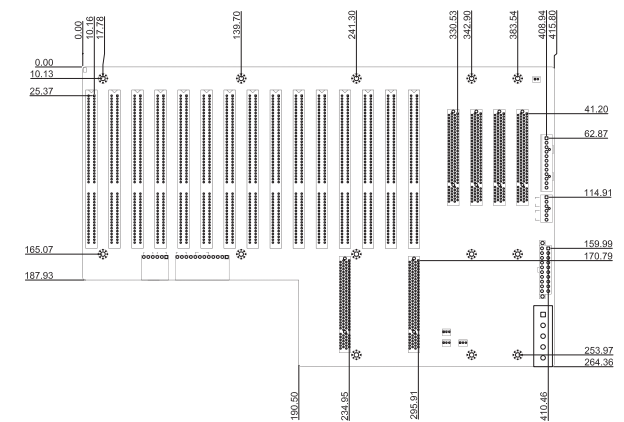


## PCI-19S-RS-R40



### Ordering Information

PCI-19S-RS-R40	19-slot backplane with 4 PCI slots and 14 ISA slots
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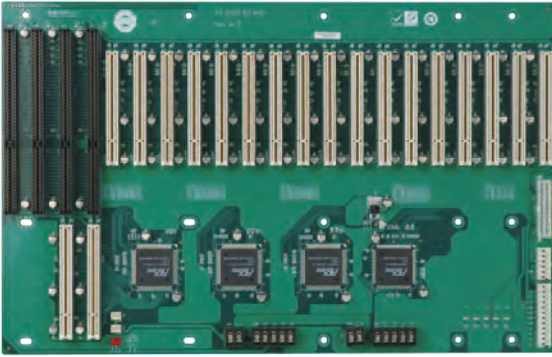
6

Power Supply/Peripherals

7

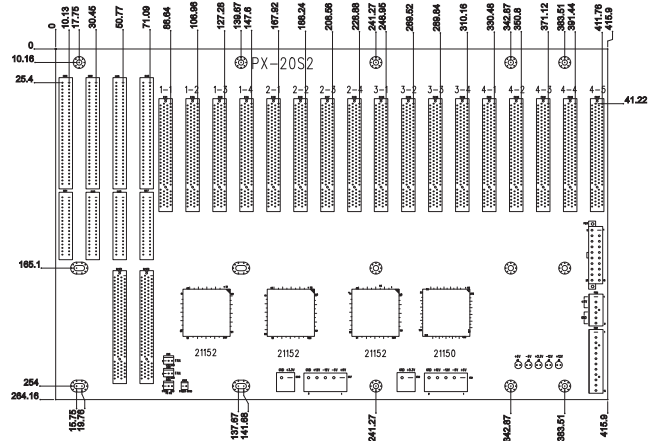
Panel Solutions Introduction

## PX-20S2-RS-R40

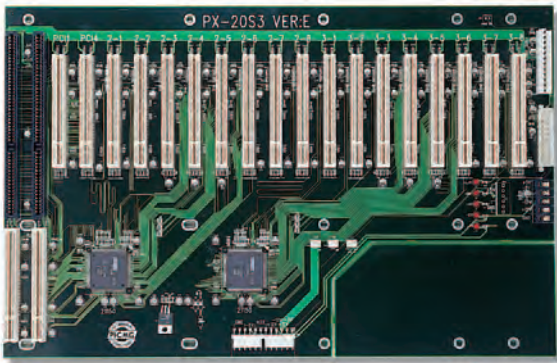


### Ordering Information

PCI-20S2-RS-R40 20-slot backplane with 17 PCI slots and 3 ISA slots

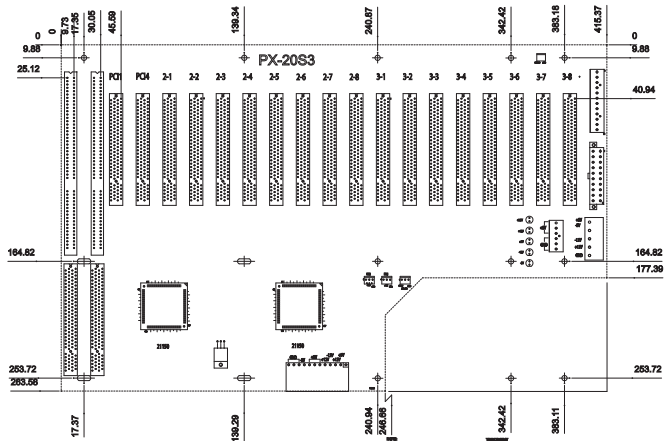


## PX-20S3-RS-R40



### Ordering Information

PCI-20S3-RS-R40 20-slot backplane with 18 PCI slots and 1 ISA slot



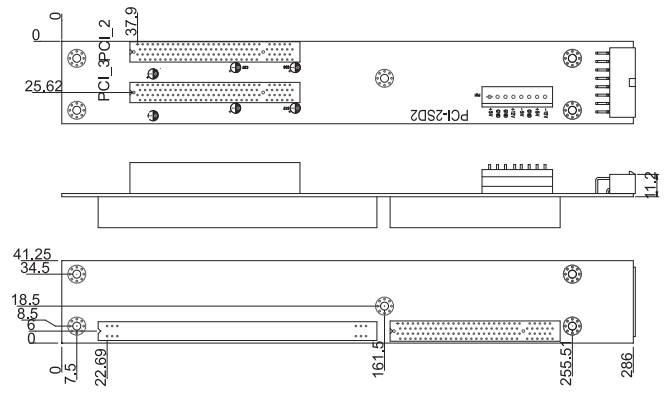
## PCI-2SD2-RS-R41



### Ordering Information

PCI-2SD2-RS-R41 1U chassis backplane with 2 PCI slots

RACK-1150G 1U full-size rack-mount chassis

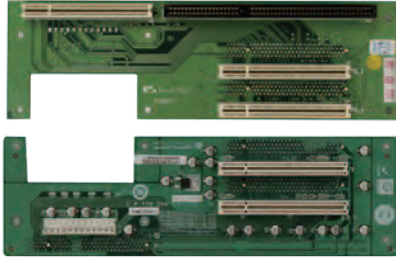


\* The adapter cable 32100-040600-RS is required when connecting PCI-2SD2-RS to a standard ATX supply.

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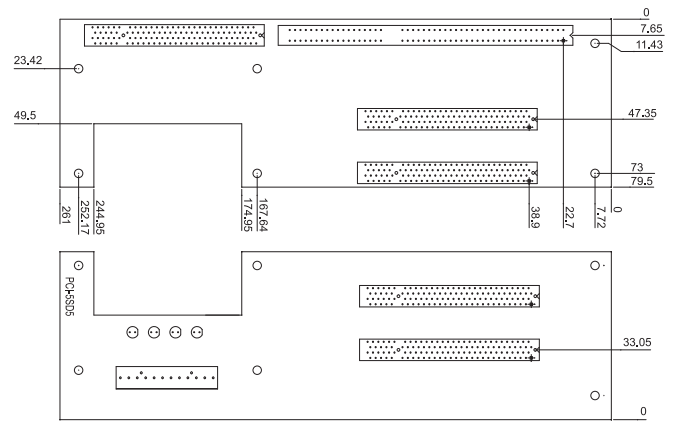
## PCI-5SD5-RS-R40

2U Type



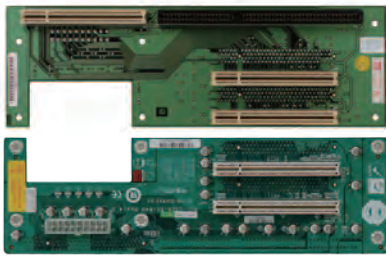
### Ordering Information

PCI-5SD5-RS-R40	2U chassis backplane with 4 PCI slots
RACK-220G	2U 6-slot full-size rack-mount chassis



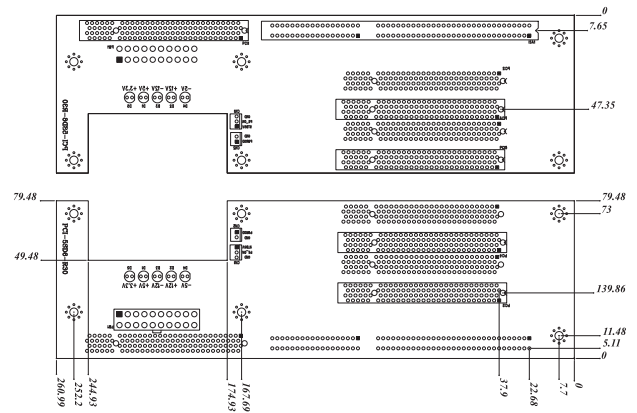
## PCI-5SD6-RS-R40

2U Type



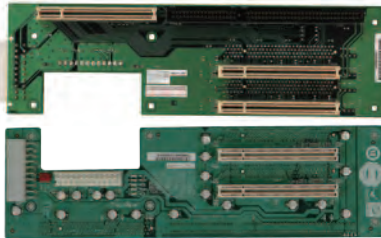
### Ordering Information

PCI-5SD6-RS-R40	2U chassis backplane with 4 PCI slots
RACK-220G	2U 6-slot full-size rack-mount chassis



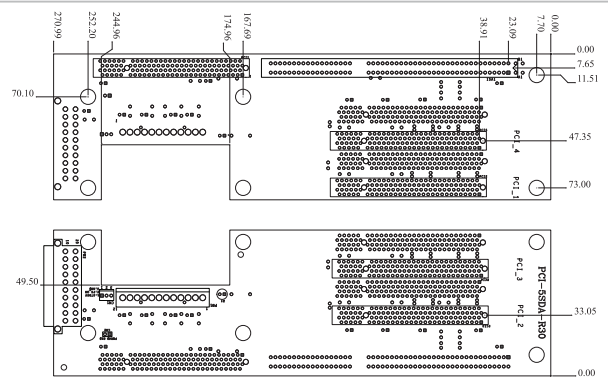
## PCI-5SDA-RS-R40

2U Type



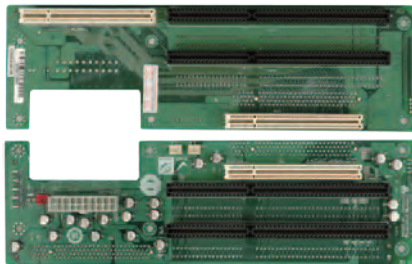
### Ordering Information

PCI-5SDA-RS-R40	2U chassis backplane with 4 PCI slots
RACK-220G	2U 6-slot full-size rack-mount chassis



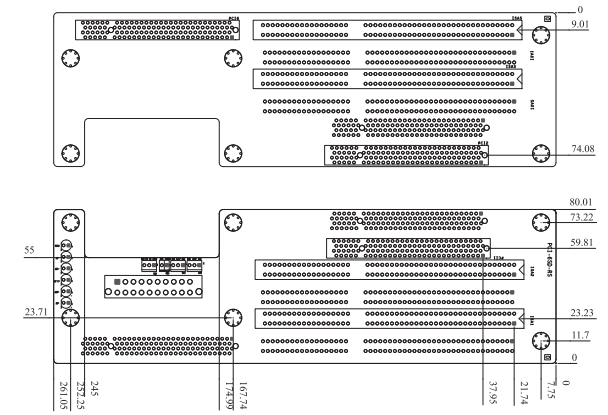
## PCI-6SD-RS-R40/PCI-6SR-RS-R30 (AT mode)

2U Type



### Ordering Information

PCI-6SD-RS-R40	2U chassis backplane with 2 PCI slots and 2 ISA slots
PCI-6SR-RS-R30	2U chassis backplane with 2 PCI slots and 2 ISA slots (AT mode)
RACK-220G	2U 6-slot full-size rack-mount chassis



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# PCI/PIC0e Backplane

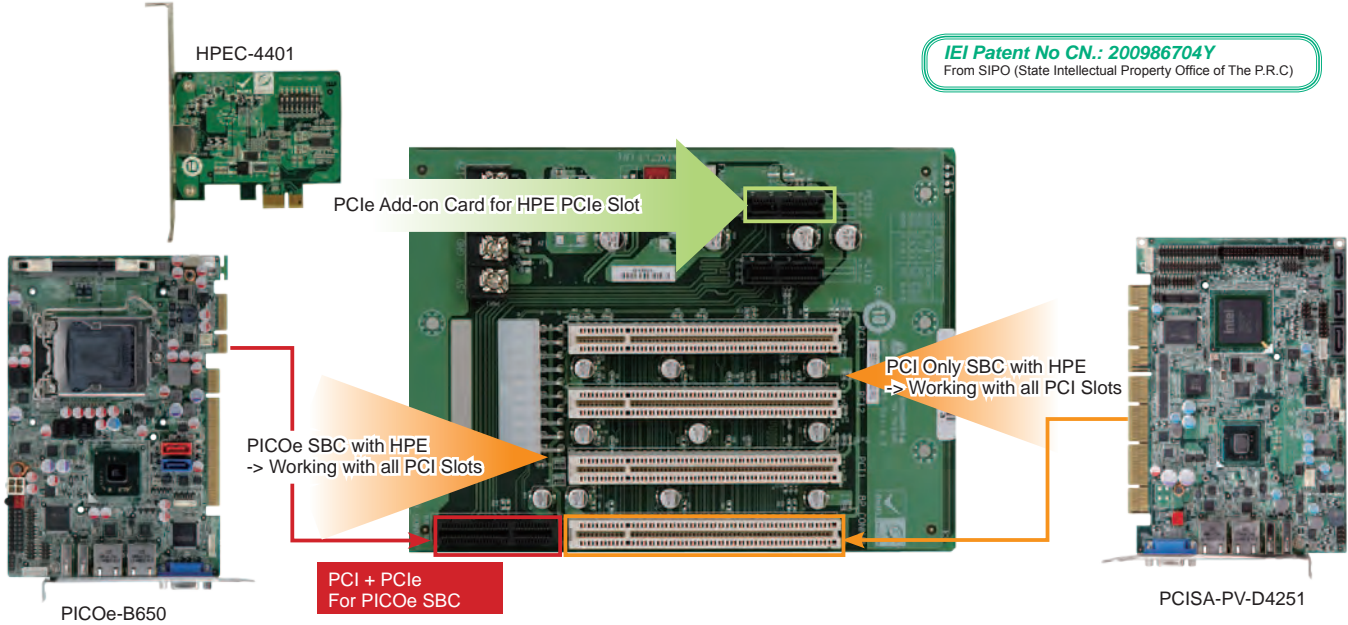
**Supports PCI/PIC0e Slot on one backplane!**

The advantages of using the PCI/PIC0e backplanes are numerous:

1. They support half-size PCI single board computers
2. They support half-size PIC0e single board computers
3. The PIC0e backplanes combine the PCI and the PCIe x4 or PCIe x1 to provide excellent I/O bandwidth and performance.

Compatible with all PICMG 1.0 Half-Sized PCI SBCs and PIC0e SBCs.

**IEI Patent No CN.: 200986704Y**  
From SIPO (State Intellectual Property Office of The P.R.C)



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## Selection Guide

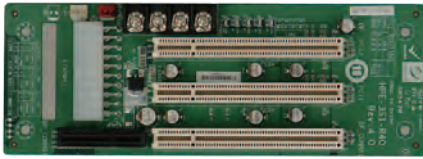
□ PAC series wall-mount chassis    4U □ bunt chassis

	PCIe/PCI	PCIe/PCI	HPE-3S1	HPE-3S2	HPE-4S1	HPE-4S2	HPE-5S1	HPE-5S2
Total Slot			3	3	4	4	5	5
Expansion Slots	PCI		2	1	3	2	4	3
	PCIe	x4		1		1		1
		x1						
Chassis			PR-1300G	PR-1300G	PAC-42GH PAC-400G	PAC-42GH PAC-400G	PR-1500G RACK-500G	PR-1500G RACK-500G

	PCIe/PCI	PCIe/PCI	HPE-5S3	HPE-6S1	HPE-7S1	HPE-8S
Total Slot			5	6	7	7
Expansion Slots	PCI		2	4	4	4
	PCIe	x4		1		
		x1	2		2	2
Chassis			PR-1500G RACK-500G	N/A	PAC-700G	N/A

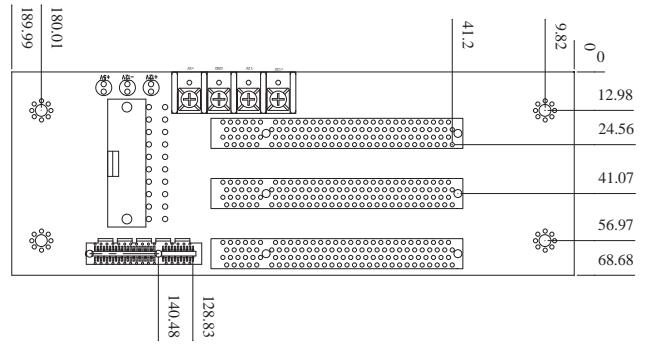


## HPE-3S1-R40

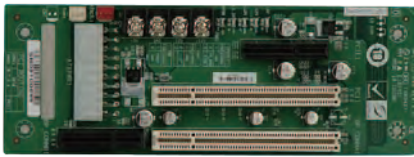


### Ordering Information

HPE-3S1-R40	3-slot backplane with 2 PCI slots
PR-1300G	3-slot half-size compact chassis

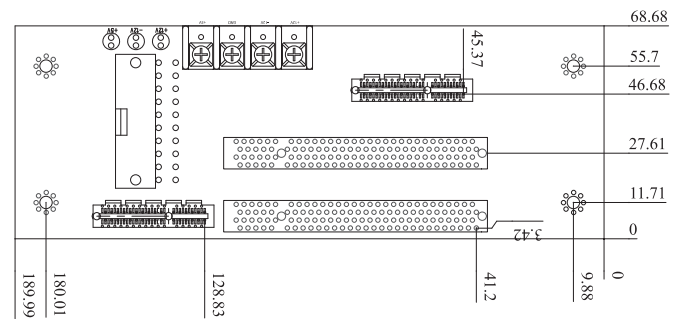


## HPE-3S2-R41

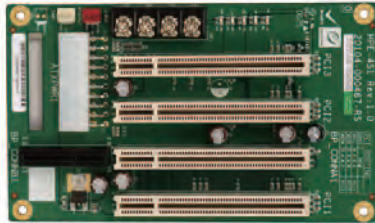


### Ordering Information

HPE-3S2-R41	3-slot backplane with 1 PCI slot and 1 PCIe x4 slot
PR-1300G	3-slot half-size compact chassis

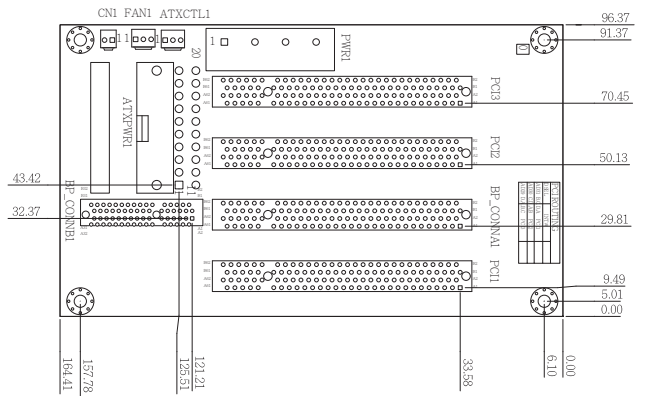


## HPE-4S1-R41

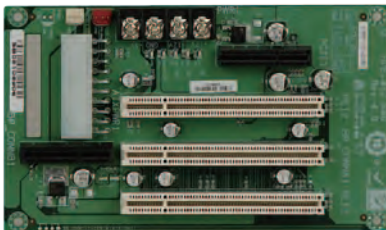


### Ordering Information

HPE-4S1-R41	4-slot backplane with 3 PCI slots
PAC-42GH	4-slot half-size compact chassis
PAC-400G	4-slot half-size compact chassis

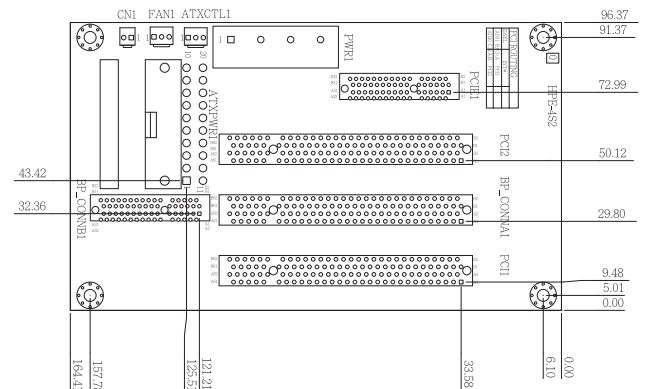


## HPE-4S2-R40



### Ordering Information

HPE-4S2-R40	4-slot backplane with 2 PCI slots and 1 PCIe x4 slot
PAC-42GH	4-slot half-size compact chassis
PAC-400G	4-slot half-size compact chassis



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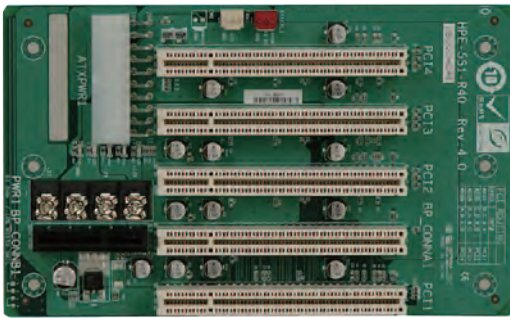
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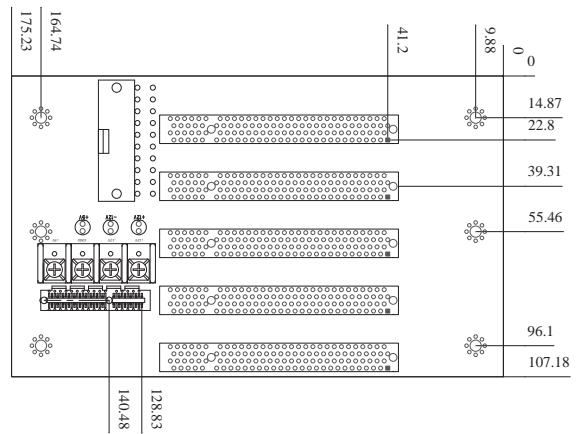
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## HPE-5S1-R50

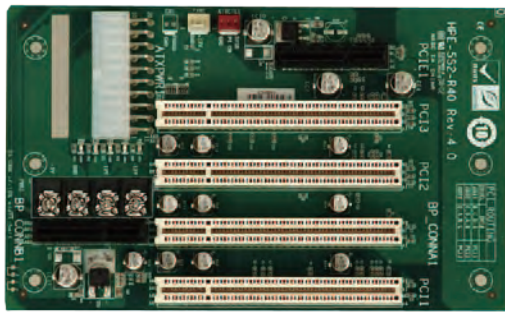


### Ordering Information

HPE-5S1-R50	5-slot backplane with 4 PCI slots
PR-1500G	5-slot half-size compact chassis
RACK-500G	5U 5-slot full-size rack-mount chassis

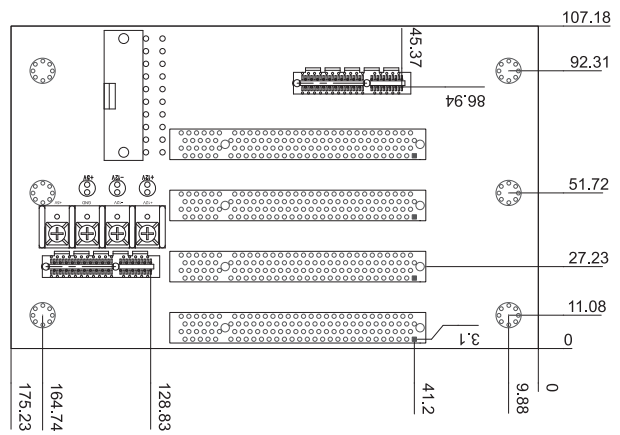


## HPE-5S2-R40

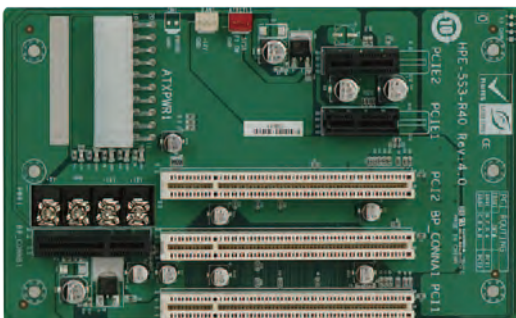


### Ordering Information

HPE-5S2-R40	5-slot backplane with 3 PCI slots and 1 PCIe x4 slot
PR-1500G	5-slot half-size compact chassis
RACK-500G	5U 5-slot full-size rack-mount chassis

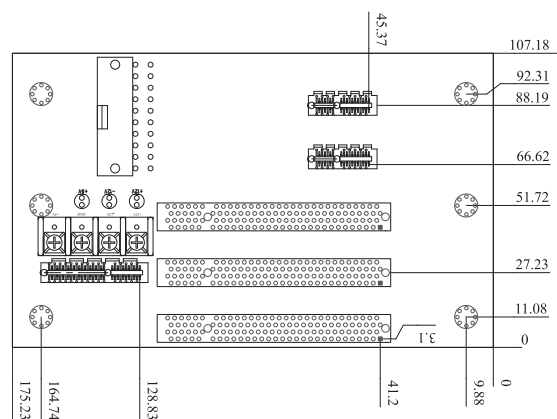


## HPE-5S3-R40



### Ordering Information

HPE-5S3-R40	5-slot backplane with 2 PCI slots and 2 PCIe x1 slots
PR-1500G	5-slot half-size compact chassis
RACK-500G	5U 5-slot full-size rack-mount chassis



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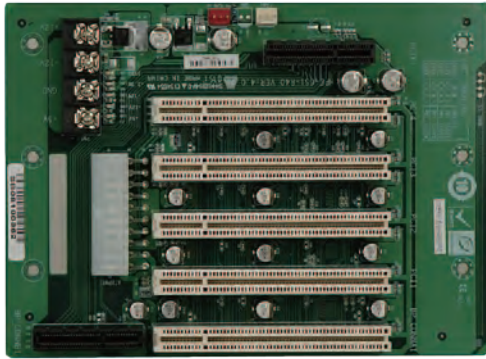
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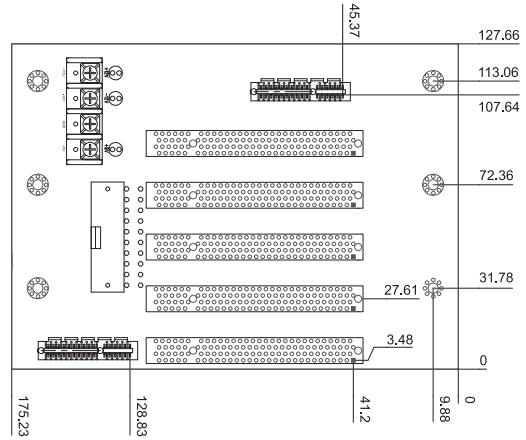
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## HPE-6S1-R41

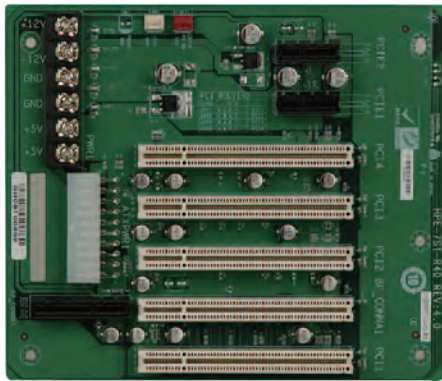


### Ordering Information

HPE-6S1-R41 6-slot backplane with 4 PCI slots and 1 PCIe x4 slot

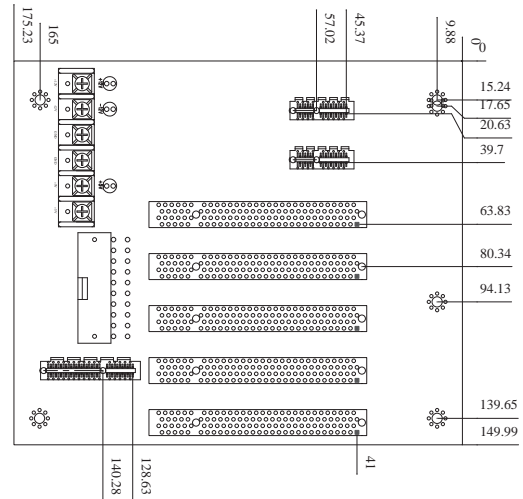


## HPE-7S1-R40

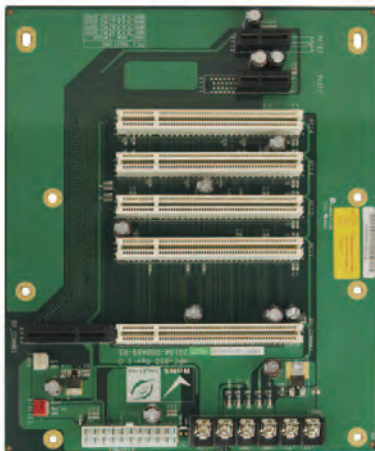


### Ordering Information

HPE-7S1-R40 7-slot backplane with 4 PCI slots and 2 PCIe x1 slots  
 PAC-700G 7-slot half-size compact chassis

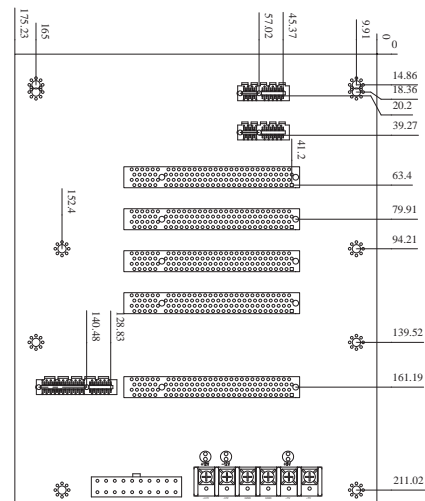


## HPE-8S0-R41



### Ordering Information

HPE-8S0-R41 7-slot backplane with 4 PCI slots and 2 PCIe x1 slots



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# IP/IPX Series Backplane

Supports PCI and ISA slot on one backplane!  
For half-sized PCISA series single board computers

## The advantages of using the PCISA card series are numerous:

1. Supports standard PISA version 1.0 slot on the IP/IPX series passive backplane.
2. Compatible with all available PCI/ISA cards. IP/IPX backplane is also integrated with the PCISA series card slot.

## Selection Guide

 PAC series wall-mount chassis    4U  bunt chassis



Model	IP-3S-RS	IP-3S2-RS	IP-3SA-RS	IP-4S-RS	IP-4S2-RS	IP-4S2A-RS	IP-4S3-RS
Total Slot	3	3	3	4	4	4	4
PCI Slot	2	1	2	3	2	3	
ISA Slot					1		3
PSU Type	AT	AT	ATX	AT	AT	ATX	AT
Chassis	PAC-53GH PR-1300G	PAC-53GH PR-1300G	PR-1300G	PAC-400G PAC-42GH	PAC-400G PAC-42GH	PAC-400G	PAC-400G PAC-42GH



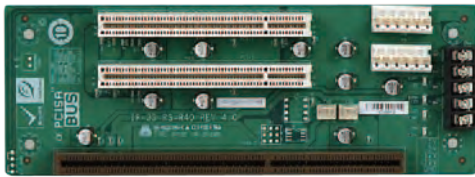
Model	IP-4S4-RS	IP-4SA-RS	IP-5S2-RS	IP-5SA-RS	IP-5SA2-RS	IP-6S-RS	IP-6SA-RS
Total Slot	4	4	5	5	5	6	6
PCI Slot		3	4	3	4	3	3
ISA Slot	3			1		2	2
PSU Type	AT	ATX	AT	ATX	ATX	AT	ATX
Chassis	PAC-400G PAC-42GH	PAC-400G PAC-42GH	PR-1500G	PR-1500G	PR-1500G	PAC-107G PAC-1000G	PAC-106G PAC-107G PAC-1000G



Model	IP-7SA-RS	IP-8S-RS	IPX-9S-RS	IP-10S-RS	IPX-13S-RS
Total Slot	7	8	9	10	13
PCI Slot	4	4	8	4	12
ISA Slot	2	3		5	
PSU Type	ATX	ATX/AT	ATX/AT	ATX/AT	ATX/AT
Chassis	PAC-700G PAC-1700G	PAC-125G	PAC-125G	PAC-125G	RACK-305G RACK-360G RACK-3000G

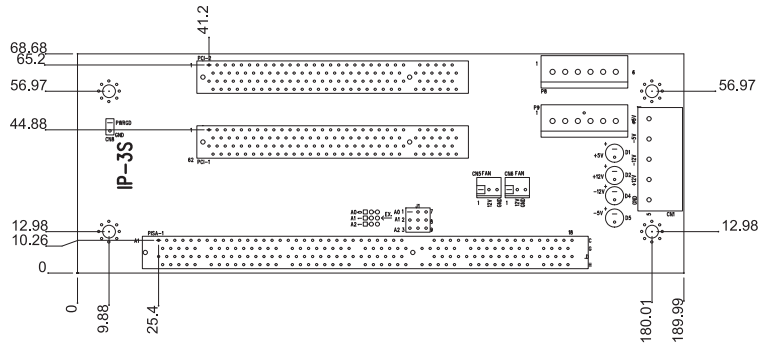
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## IP-3S-RS-R40

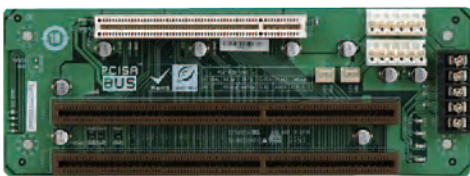


### Ordering Information

IP-3S-RS-R40	3-slot backplane with 2 PCI slots
PAC-53GH	3-slot half-size compact chassis
PR-1300G	3-slot half-size compact chassis

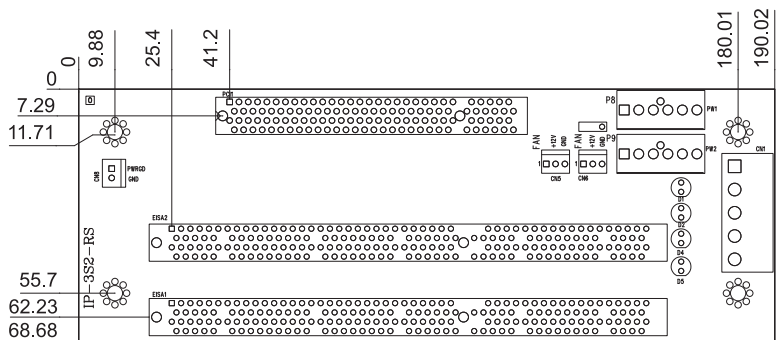


## IP-3S2-RS-R40

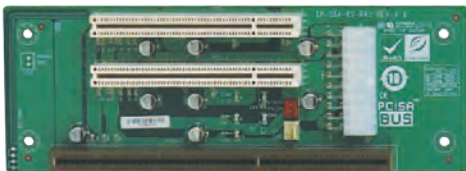


### Ordering Information

IP-3S2-RS-R40	3-slot backplane with 1 PCI slot
PAC-53GH	3-slot half-size compact chassis
PR-1300G	3-slot half-size compact chassis

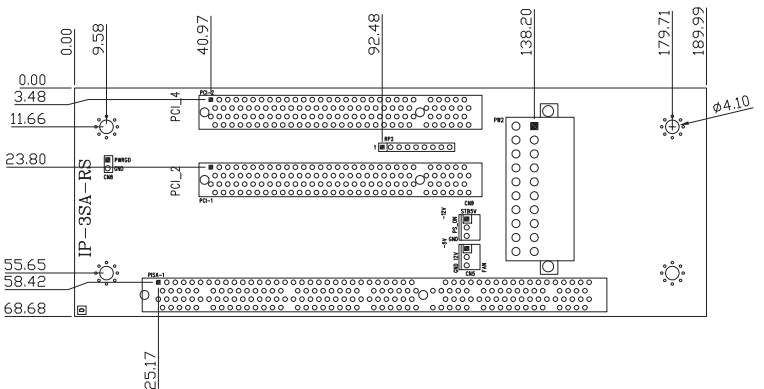


## IP-3SA-RS-R40 *ATX power*

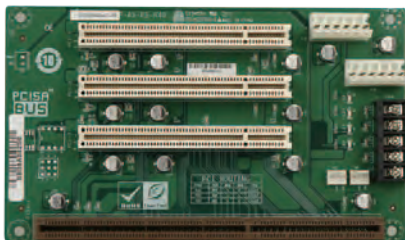


### Ordering Information

IP-3SA-RS-R40	3-slot backplane with 2 PCI slots
PR-1300G	3-slot half-size compact chassis

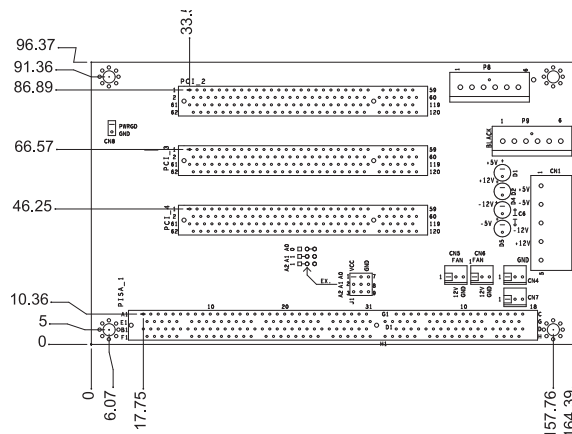


## IP-4S-RS-R40



### Ordering Information

IP-4S-RS-R40	4-slot backplane with 3 PCI slots
PAC-400G	4-slot half-size compact chassis
PAC-42GH	4-slot half-size compact chassis



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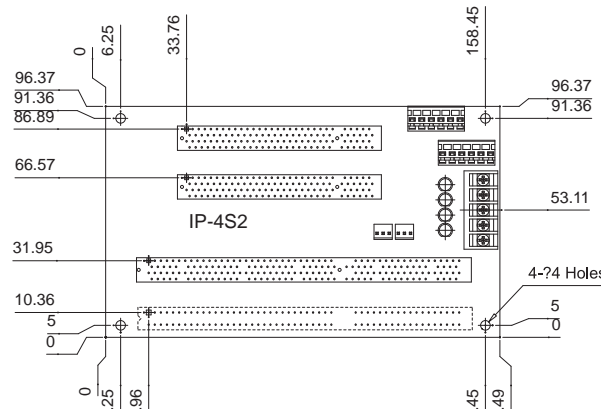
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## IP-4S2-RS-R40



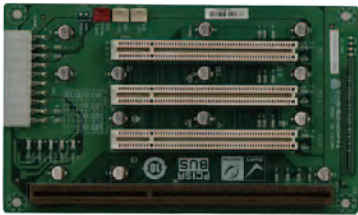
### Ordering Information

IP-4S2-RS-R40	4-slot backplane with 2 PCI slots and 1 ISA slot
PAC-400G	4-slot half-size compact chassis
PAC-42GH	4-slot half-size compact chassis



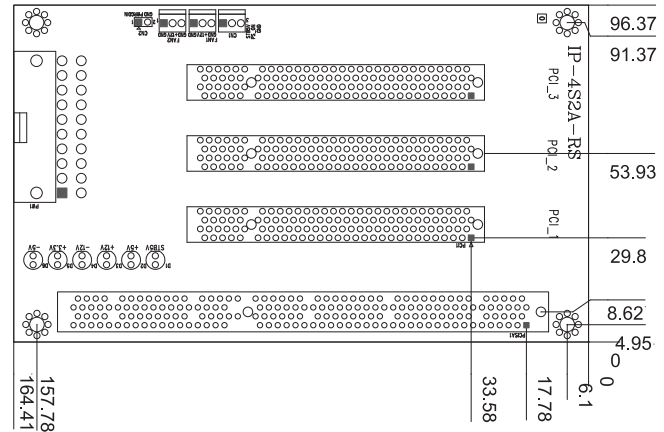
## IP-4S2A-RS-R40

ATX power

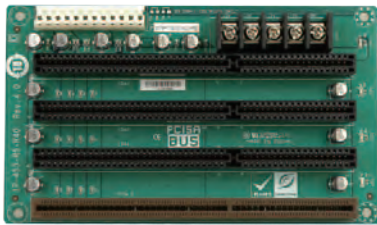


### Ordering Information

IP-4S2A-RS-R40	4-slot backplane with 3 PCI slots
PAC-400G	4-slot half-size compact chassis

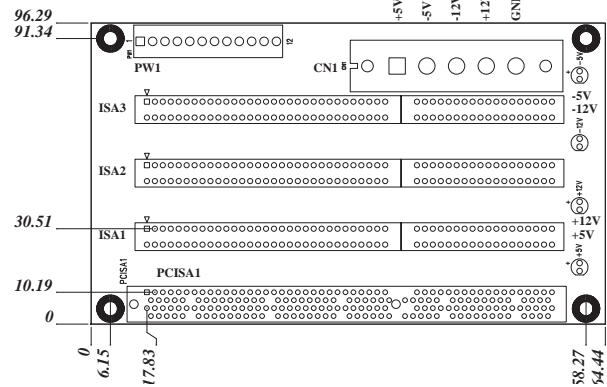


## IP-4S3-RS-R40

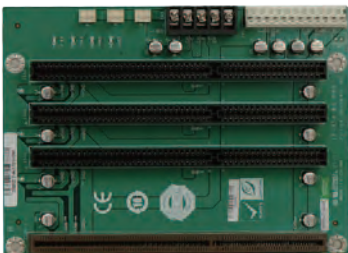


### Ordering Information

IP-4S3-RS-R40	4-slot backplane with 3 ISA slots
PAC-400G	4-slot half-size compact chassis
PAC-42GH	4-slot half-size compact chassis

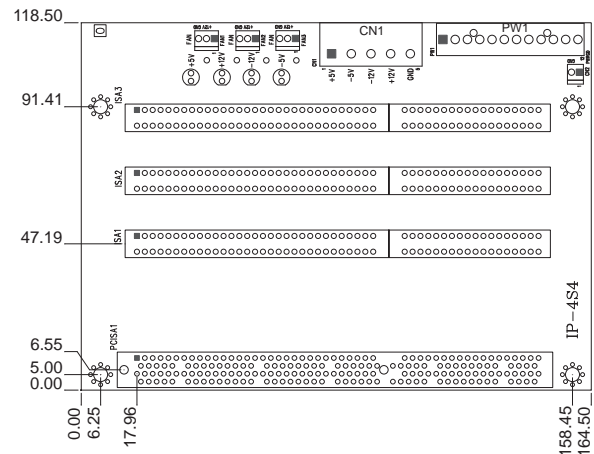


## IP-4S4-RS-R40



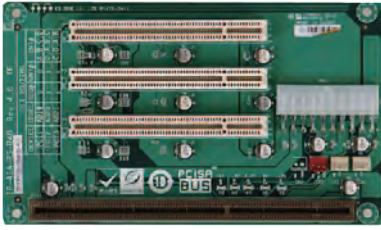
### Ordering Information

IP-4S4-RS-R40	4-slot backplane with 3 ISA slots
PAC-400G	4-slot half-size compact chassis
PAC-42GH	4-slot half-size compact chassis



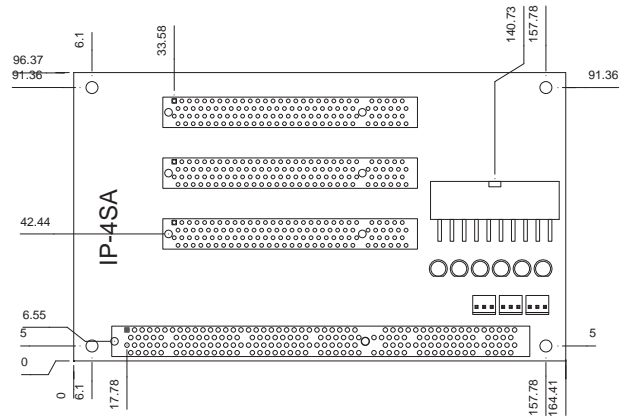
# IP-4SA-RS-R40

ATX power

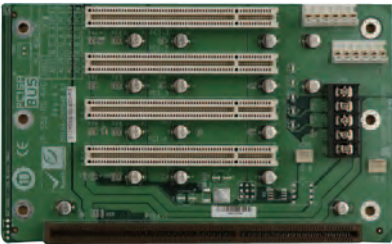


### Ordering Information

IP-4SA-RS-R40	4-slot backplane with 3 PCI slots
PAC-400G	4-slot half-size compact chassis
PAC-42GH	4-slot half-size compact chassis

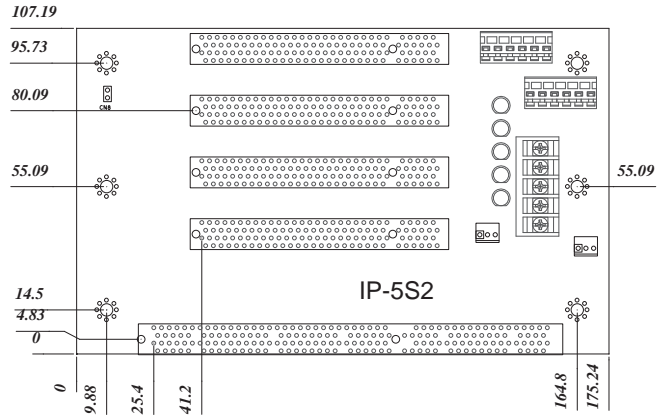


# IP-5S2-RS-R40



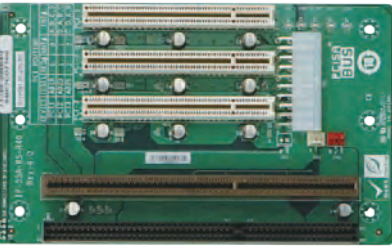
### Ordering Information

IP-5S2-RS-R40	5-slot backplane with 4 PCI slots
PR-1500G	5-slot half-size compact chassis



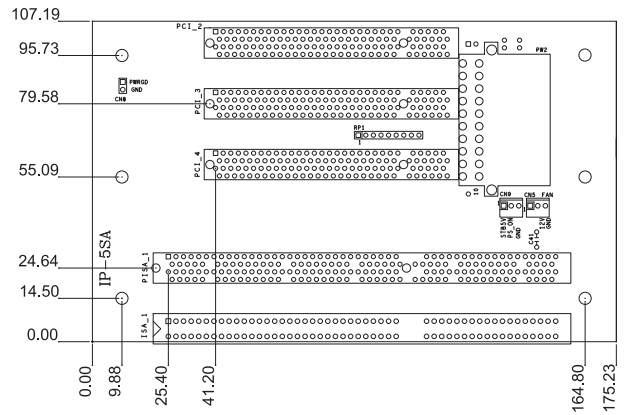
# IP-5SA-RS-R40

ATX power

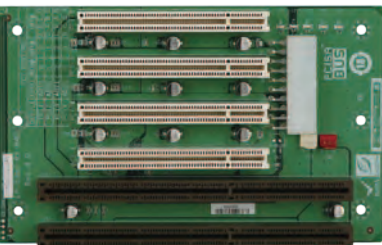


### Ordering Information

IP-5SA-RS-R40	5-slot backplane with 3 PCI slots and 1 ISA slot
PR-1500G	5-slot half-size compact chassis

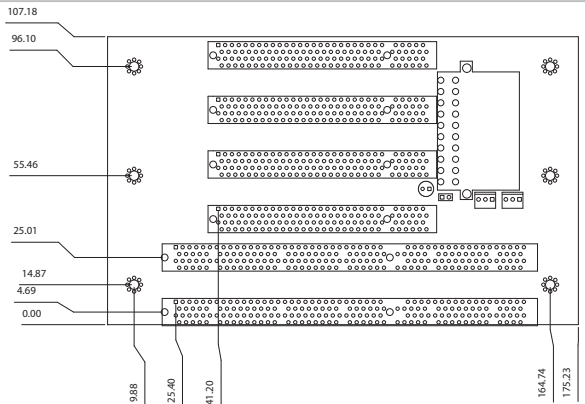


# IP-5SA2-RS-R40



### Ordering Information

IP-5SA2-RS-R40	5-slot backplane with 4 PCI slots
PR-1500G	5-slot half-size compact chassis



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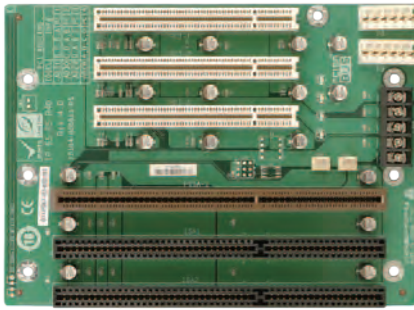
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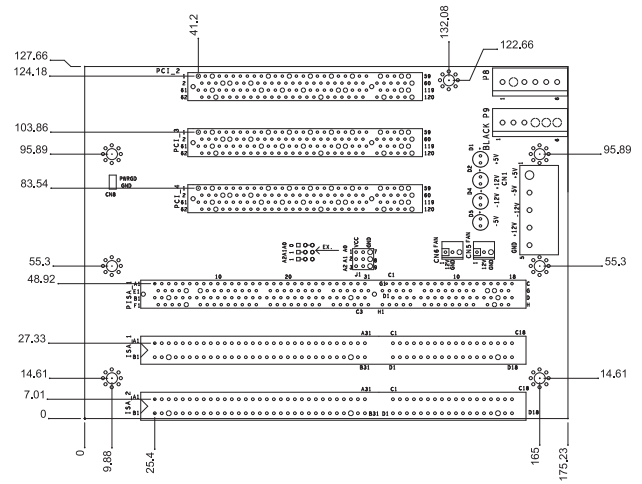
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## IP-6S-RS-R40



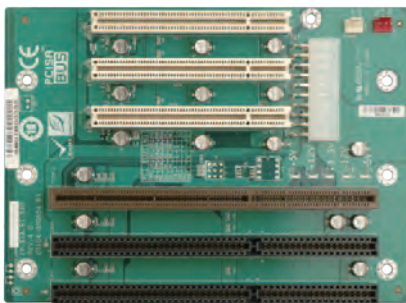
### Ordering Information

IP-6S-RS-R40	6-slot backplane with 3 PCI slots and 2 ISA slots
PAC-107G	6-slot full-size compact chassis
PAC-1000G	6-slot full-size compact chassis



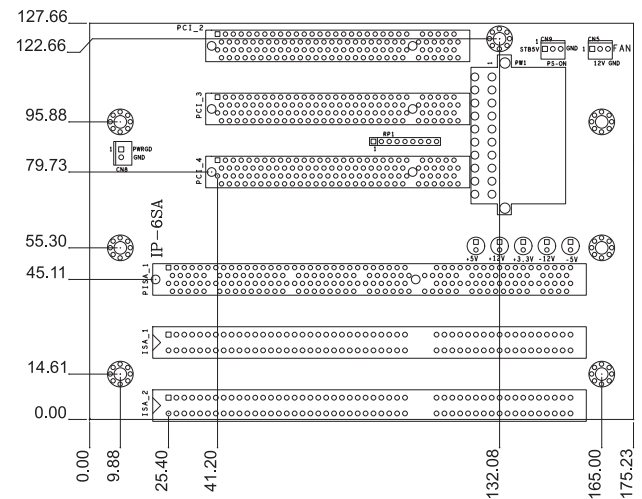
## IP-6SA-RS-R40

ATX power



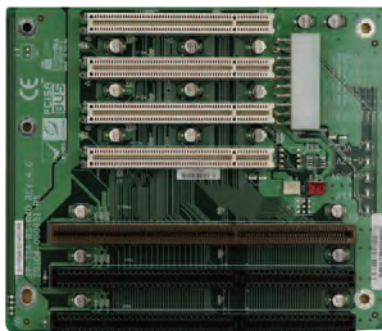
### Ordering Information

IP-6SA-RS-R40	6-slot backplane with 3 PCI slots and 2 ISA slots
PAC-106G	6-slot full-size compact chassis
PAC-107G	6-slot full-size compact chassis
PAC-1000G	6-slot full-size compact chassis



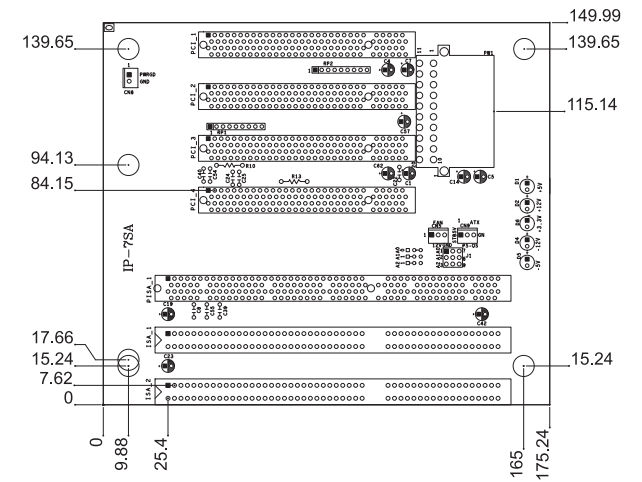
## IP-7SA-RS-R40

ATX power



### Ordering Information

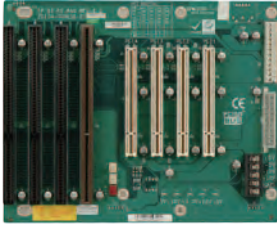
IP-7SA-RS-R40	7-slot backplane with 3 PCI slots and 2 ISA slots
PAC-700G	7-slot half-size compact chassis
PAC-1700G	7-slot full-size compact chassis



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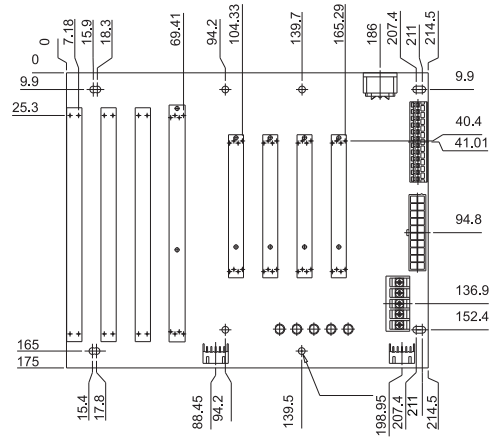


## IP-8S-RS-R40

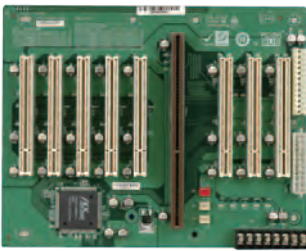


### Ordering Information

IP-8S-RS-R40	8-slot backplane with 4 PCI slots and 3 ISA slots
PAC-125G	10-slot full-size compact chassis

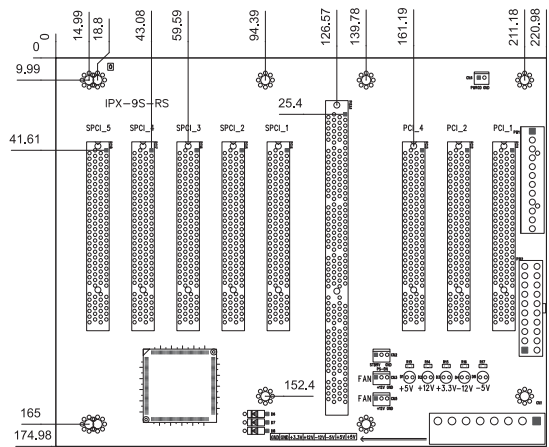


## IPX-9S-RS-R41

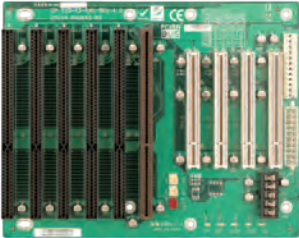


### Ordering Information

IPX-9S-RS-R41	9-slot backplane with 8 PCI slots
PAC-125G	10-slot full-size compact chassis

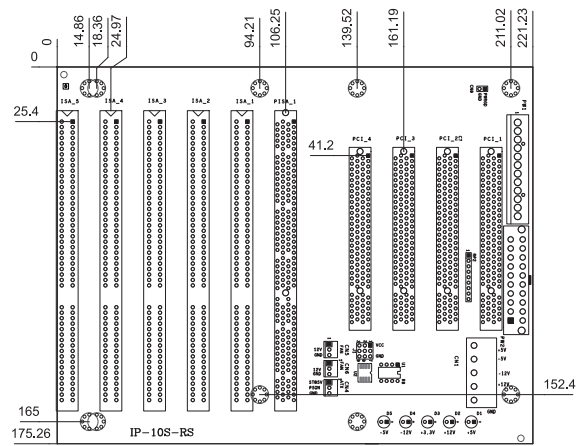


## IP-10S-RS-R40

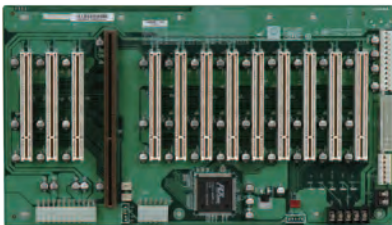


### Ordering Information

IP-10S-RS-R40	10-slot backplane with 4 PCI slots and 5 ISA slots
PAC-125G	10-slot full-size compact chassis

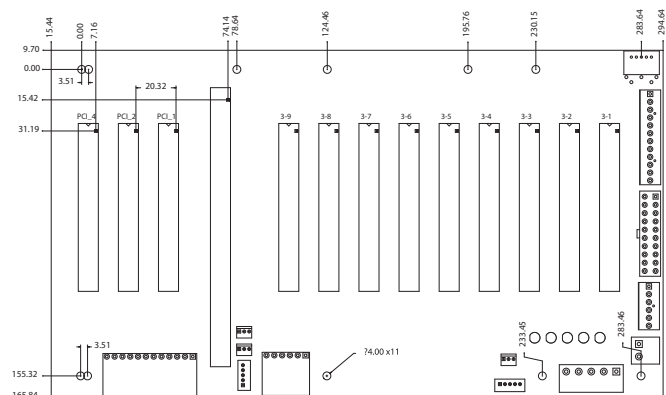


## IPX-13S-RS-R40



### Ordering Information

IPX-13S-RS-R40	13-slot backplane with 12 PCI slots
RACK-305G	4U 14-slot rack-mount chassis
RACK-360G	4U 14-slot rack-mount chassis
RACK-3000G	4U 14-slot rack-mount chassis



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# BP Series Backplane

**Supports ISA slot on one backplane!**  
**For half-sized ISA only single board computer**

**The advantages of using this ISA card series are numerous:**

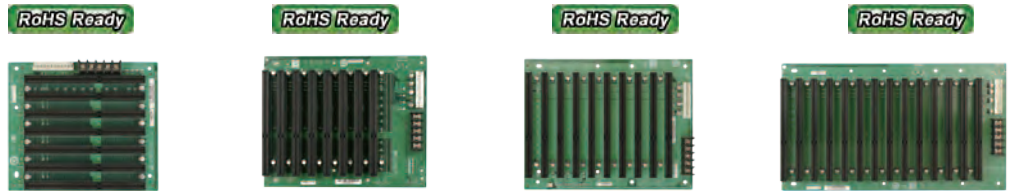
1. Supports standard ISA slot on the BP series passive backplane.
2. Compatible with all available ISA cards. BP backplane is also integrated with the ROCKY series ISA Card slot.

## Selection Guide

 PAC series wall-mount chassis    4U rack  mount chassis



Model	BP-3S-RS-R40	BP-4S-RS-R40	BP-5S-RS-R40	BP-6S-RS-R40
Total Slot	3	4	5	6
ISA Slot	3	4	5	6
PSU Type	AT	AT	AT	AT
Chassis	PAC-53GH PR-1300G	PAC-400G PAC-42GH	PR-1500G	PAC-106G, PAC-107G, PAC-1000G



Model	BP-7S-RS-R40	BP-8S-RS-R41	BP-10S-RS-R40	BP-14S-RS-R40
Total Slot	7	8	10	14
ISA Slot	7	8	10	14
PSU Type	AT	AT	AT	AT
Chassis	PAC-700G PAC-1700G	N/A	PAC-125G	RACK-305G RACK-360G RACK-3000G



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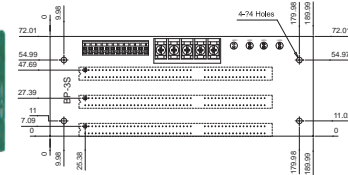
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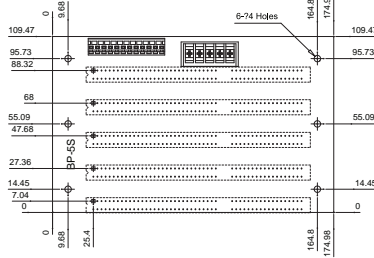
## BP-3S-RS-R40



### Ordering Information

BP-3S-RS-R40	3-slot backplane with 3 ISA slots
PAC-53GH	3-slot half-size compact chassis
PR-1300G	3-slot half-size compact chassis

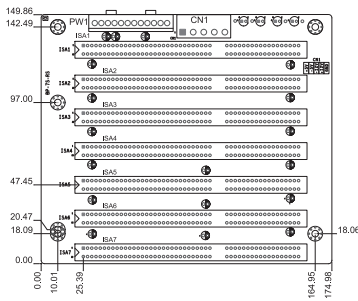
## BP-5S-RS-R40



### Ordering Information

BP-5S-RS-R40	5-slot backplane with 5 ISA slots
PR-1500G	5-slot half-size compact chassis

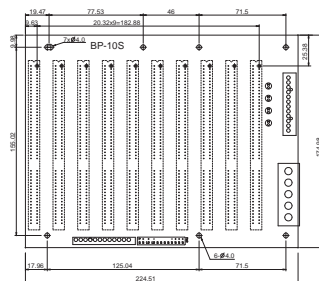
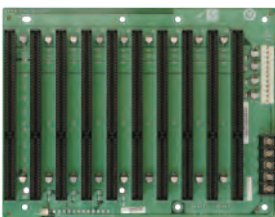
## BP-7S-RS-R40



### Ordering Information

BP-7S-RS-R40	7-slot backplane with 7 ISA slots
PAC-700G	7-slot half-size compact chassis
PAC-1700G	7-slot full-size compact chassis

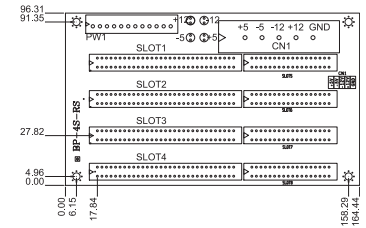
## BP-10S-RS-R40



### Ordering Information

BP-10S-RS-R40	10-slot backplane with 10 ISA slots
PAC-125G	10-slot full-size compact chassis

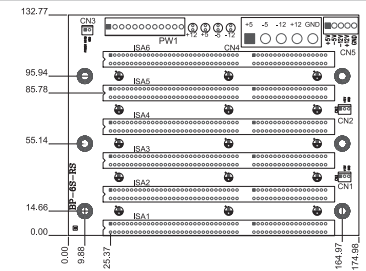
## BP-4S-RS-R40



### Ordering Information

BP-4S-RS-R40	4-slot backplane with 4 ISA slots
PAC-400G	4-slot half-size compact chassis
PAC-42GH	4-slot half-size compact chassis

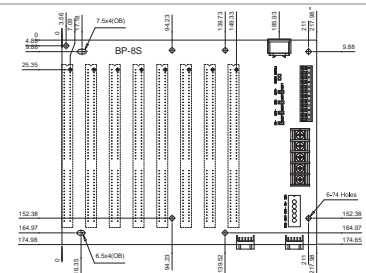
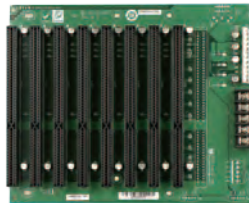
## BP-6S-RS-R40



### Ordering Information

BP-6S-RS-R40	6-slot backplane with 6 ISA slots
PAC-106G	6-slot full-size compact chassis
PAC-107G	6-slot full-size compact chassis
PAC-1000G	6-slot full-size compact chassis

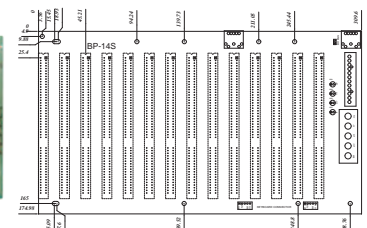
## BP-8S-RS-R41



### Ordering Information

BP-8S-RS-R41	3-slot backplane with 3 ISA slots
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## BP-14S-RS-R40



### Ordering Information

BP-14S-RS-R40	14-slot backplane with 14 ISA slots
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis

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