



PICMG 1.3 Backplane

Selection Guide

 PAC series wall-mount chassis

 4U rack-mount chassis

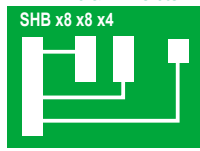

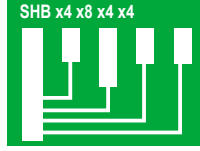

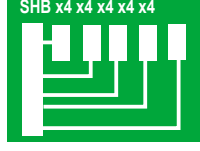

Backplane		SPE-4S	SPE-6S	SPE-9S	SPXE-11S	SPXE-14S
Total	Slot	4	6	7	11	14
PCIe	x16					
	x8	2 (x16 connector)		1 (x16 connector)		1 (x16 connector)
	x4	1	5	3	6 (x16 connector)	
	x1					12 (x4 connector)
	PCI-X					
	PCI			3	4	
PSU Type		24+4-pin ATX	24+4-pin ATX	24+4-pin ATX	24+8-pin ATX	24+8-pin ATX
Chassis Option		PAC-106G PAC-1000G	PAC-106G PAC-1000G	PAC-125G	RACK-305G RACK-360G RACK-3000G	RACK-305G RACK-360G RACK-3000G

IEI Server Grade Backplane Solution

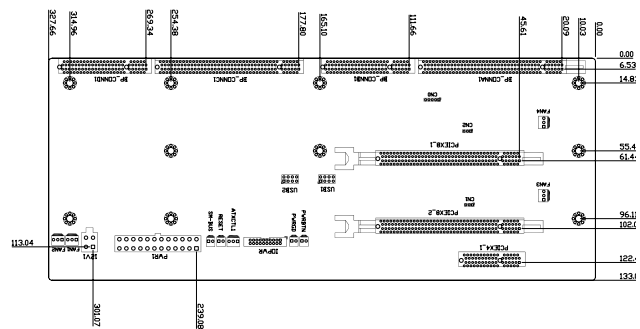
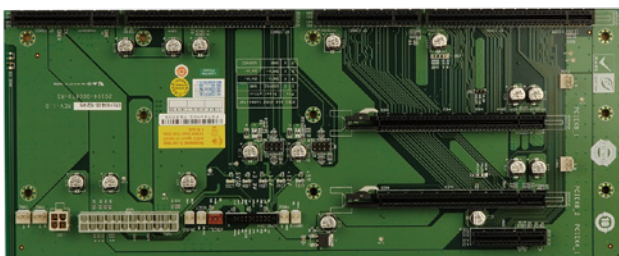
Server grade backplane accommodates PCIe x8 and multiple PCIe x4 add-on cards. It is specially designed for intensive data transfer applications such as server data storage and any application that requires more than one PCIe x4 or four PCIe x1 cards. Given the multiple PCIe x4 and x1 support, it provides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

System Solution for options

Backplane	Total Slot	PCIe						PSU Type	Chassis Option
		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-11S	11	-	-	6 (x16 connector)	-	-	24+8-pin ATX	RACK-305G RACK-360G RACK-3000G	
SPXE-14S	14	-	1 (x16 connector)	-	12 (x4 connector)	-	24+8-pin ATX	RACK-305G RACK-360G RACK-3000G	

Server Grade Backplane	
Example	Corresponding Model
<p>EX1: 2 x8 & 1 x4 slots</p>  <p>SHB x8 x8 x4</p>	<p>SPE-4S</p> 
<p>EX2: 1 x8 & 3 x4 slots</p>  <p>SHB x4 x8 x4 x4</p>	<p>SPE-9S</p> 
<p>EX3: 5 x4 slots</p>  <p>SHB x4 x4 x4 x4 x4</p>	<p>SPE-6S</p> 

SPE-4S-R10

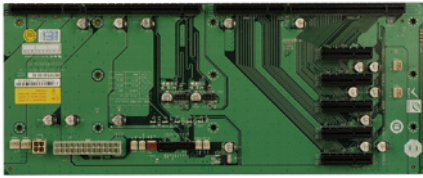


Ordering Information

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



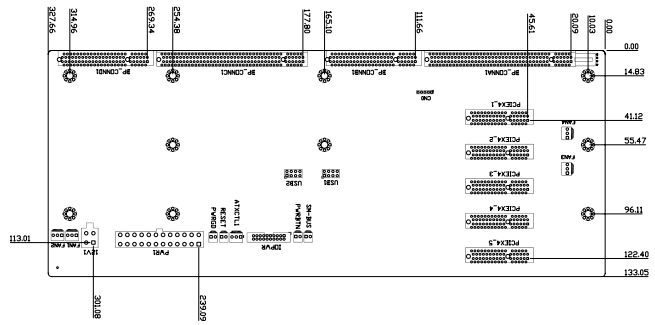
SPE-6S-R10



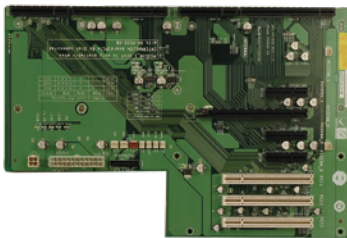
Ordering Information

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

Note: PCIeX4_3 can not work with SPCIE-C2060, SPCIE-C2160, SPCIE-C22260, SPCIE-C236 & HPCIE-C236.

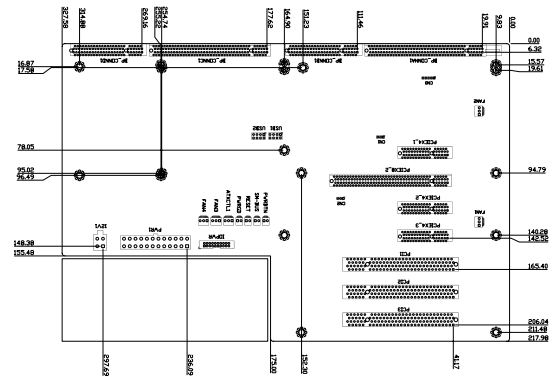


SPE-9S-R11

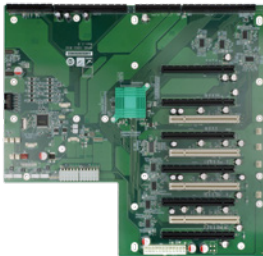


Ordering Information

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

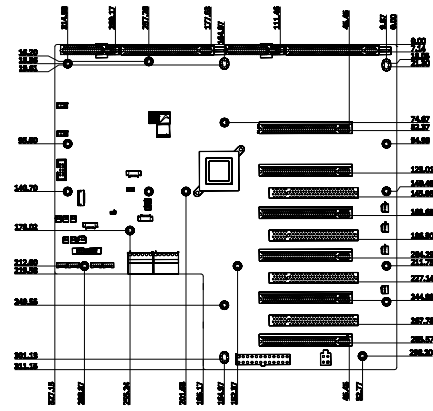


SPXE-11S-R10

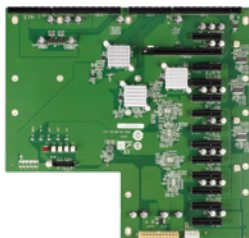


Ordering Information

SPXE-11S-R10	11-Slot PICMG 1.3 PCIe to PCIe Switch (PLX PEX8724) Backplane, 6 PCIe Gen 3.0 x4 w/ x16 slot, 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

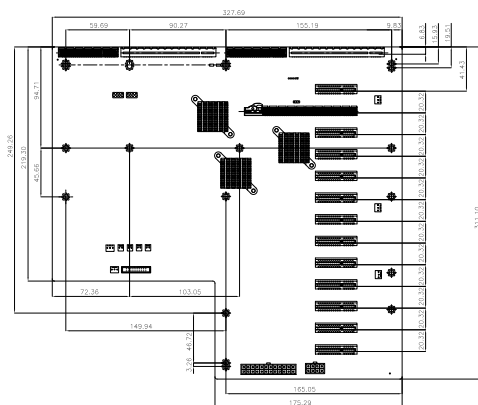


SPXE-14S-R20



Ordering Information

SPXE-14S-R20	14-slot PICMG 1.3 backplane with one PCIe x16 slot (x8 signal) and twelve PCIe x4 slots (x1 signal)
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



PICMG 1.3 Passive Backplane

Selection Guide

PAC series wall-mount chassis

4U/5U rack-mount chassis

1U/2U rack-mount chassis

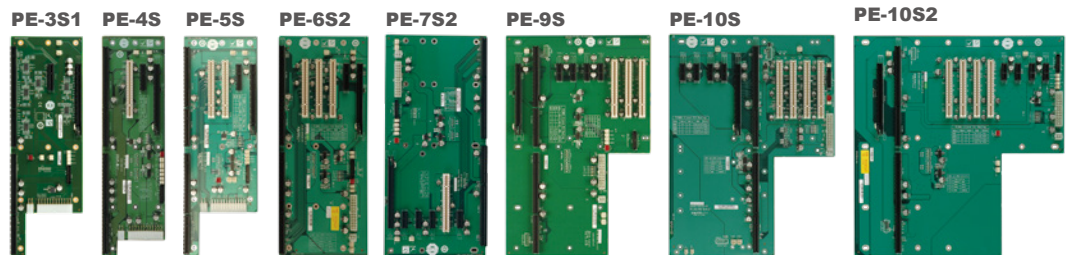
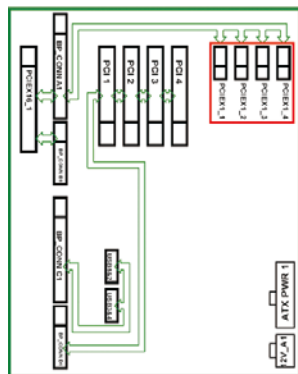
PICMG 1.3 (PCIe+PCI)	Model	PE-2SD1	PE-2SD2	PE-3S1	PE-4S	PE-4S2	PE-5S	PE-5S2	PE-6S	PE-6S2	PE-6SD	PE-6SD3	
Total Slot		2	2	5	4	4	5	5	6	6	5	5	
Expansion Slots	PCIe Slots	x16 *	1	1	1	1	1	1	1	1	1	1	
		x4			1	1							
		x1							3	2		3	
	PCI-X Slots												
	PCI Slots		1		1	2	2		2	3		2	
USB Connectors by Pin Header		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	
Chassis		RACK-1150-PE	RACK-1150-PE	RACK-500AI	N/A	N/A	RACK-500G	RACK-500G		RACK-305G RACK-360G RACK-3000G PAC-1700G PAC-125	PAC-106G PAC-1000G	N/A	N/A
Note		1U Type	1U 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	PXE-9S2	PXE-12S	PXE-13S	PXE-19S2
Total Slot		7	7	8	9	10	10	13	9	12	13	19
Expansion Slots	PCIe Slots	x16 *	1	1	1	1	1	1/1	1	1	1	1
		x4						1/0	3			
		x1	2	4	3	4	4	4	0/4	0		3
	PCI-X Slots								0	4		
	PCI Slots	3	1	3	3	4	4	2/2	4	4	8	16
USB Connectors by Pin Header		4	4	4	4	4	4	8	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	Dual 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	RACK-3000G RACK-305G RACK-360G	RACK-3000G RACK-305G RACK-360G	RACK-3000G RACK-305G RACK-360G	N/A
Note								Dual System Backplane	PCIe to PCIe Switch Backplane	PCIe to PCI-X Bridge Backplane	PCIe to PCI Bridge Backplane	

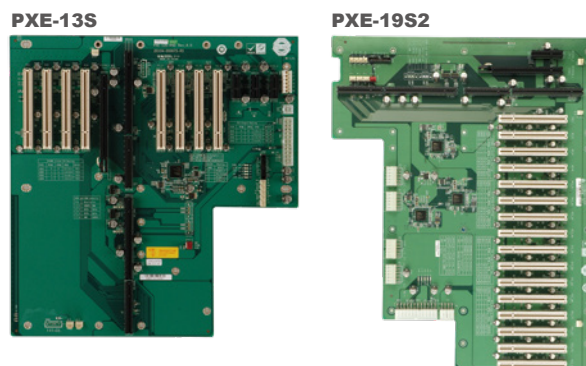
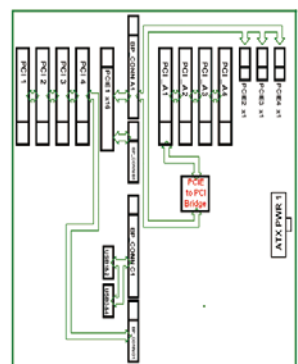
*When using a PCIe x16 add-on card, the length of the card must not exceed 167mm or 6.57 inches.

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.



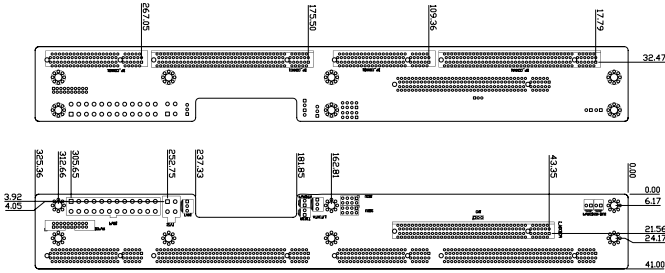
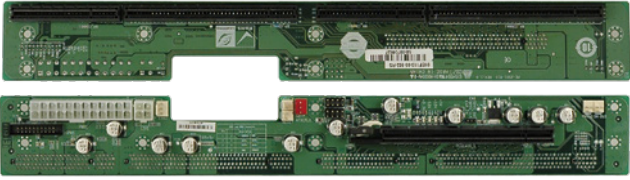
- Twenty PCIe lanes in total
- One PCIe x16 slot
- Up to four PCIe x1 or one PCIe x4 slot
- Up to four local PCI slots (w/o bridge)



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

PE-2SD1-R10

For 1U system!

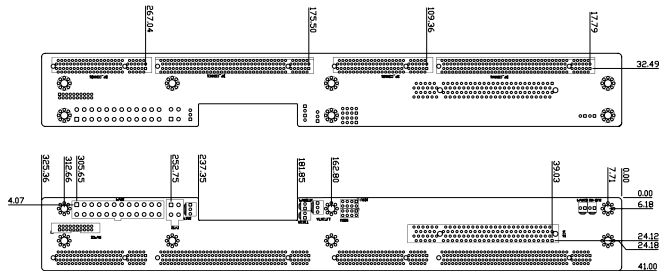
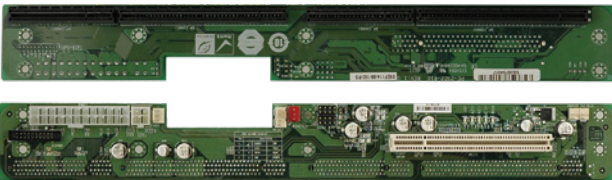


Ordering Information

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

PE-2SD2-R10

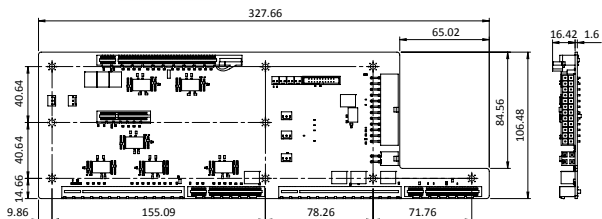
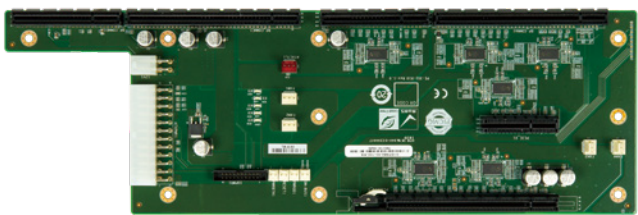
For 1U system!



Ordering Information

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

PE-3S1-R10 **New**

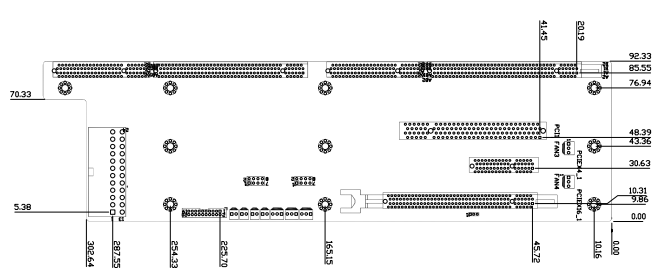
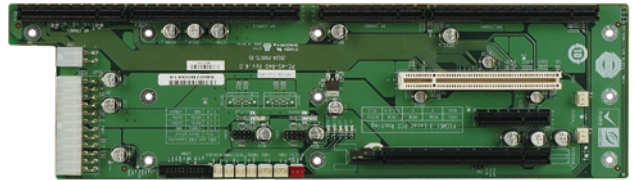


Ordering Information

PE-3S1-R10 5-slot PICMG 1.3 backplane with one PCIe x16 slot and one PCIe x4 Slot, RoHS
 RACK-500AI 5U 5-slot full-size rackmount chassis

PE-4S-R40

Mounting holes compatible with PCI-4S

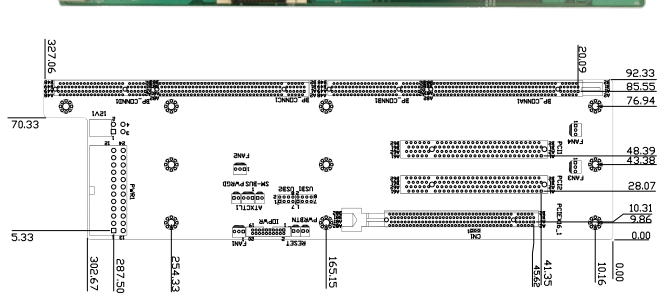
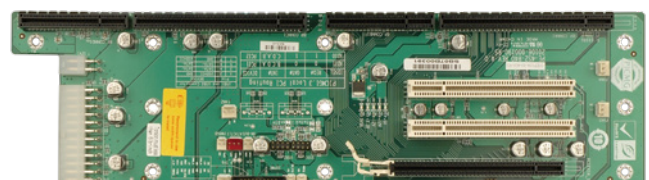


Ordering Information

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

PE-4S2-R40

Mounting holes compatible with PCI-4S

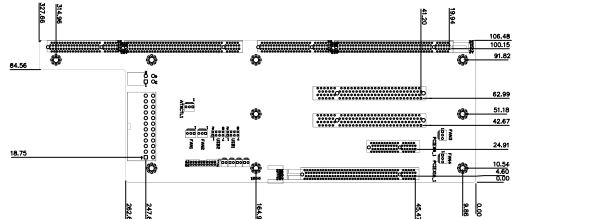
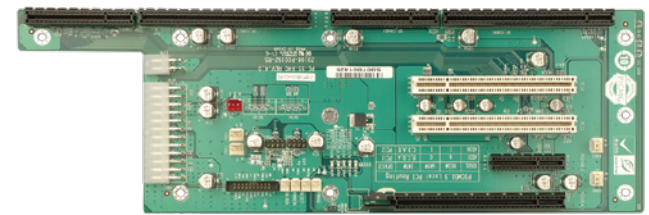


Ordering Information

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

PE-5S-R40

Mounting holes compatible with PCI-5S

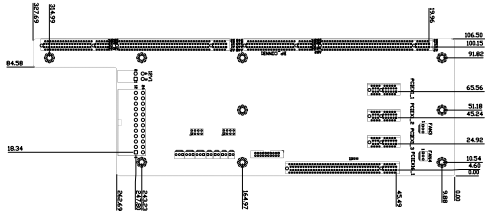
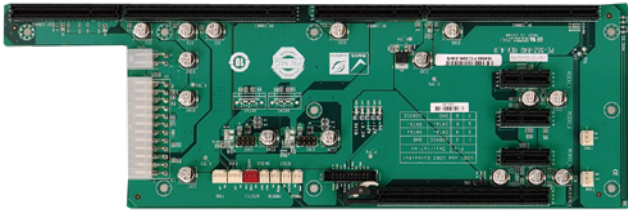


Ordering Information

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

PE-5S2-R40

Mounting holes compatible with PCI-5S



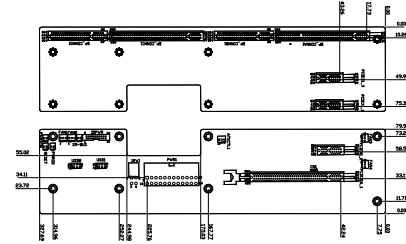
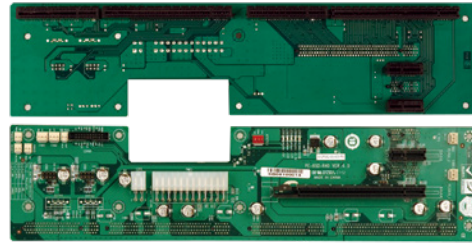
Ordering Information

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-6SD-R40

Mounting holes compatible with PCI-6SD

2U Type

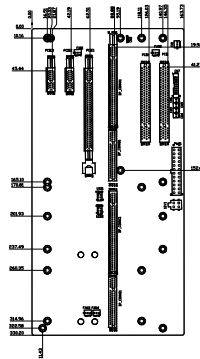
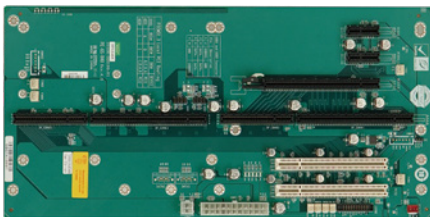


Ordering Information

PE-6SD-R40	5-slot backplane with one PCIe x16 slot and three PCIe x1 slots
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PE-6S-R41

Mounting holes compatible with PCI-7S

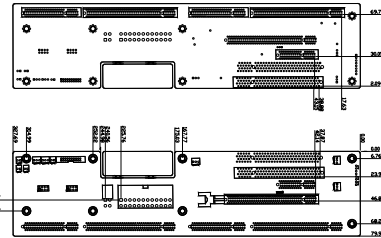
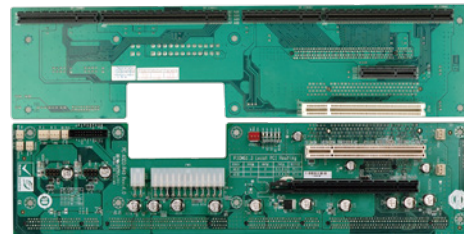


Ordering Information

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-6SD3-R40

Mounting holes compatible with PCI-6SD

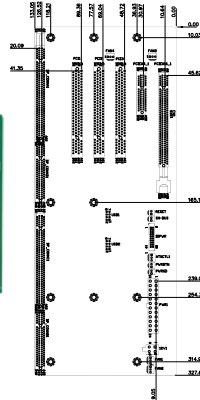
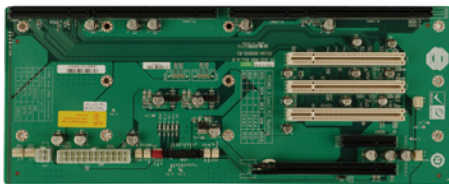


Ordering Information

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

Mounting holes compatible with PCI-6S



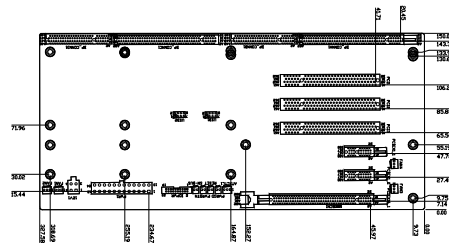
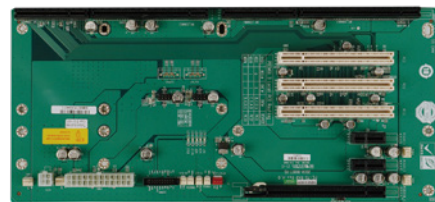
Ordering Information

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-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-7S-R40

Mounting holes compatible with PCI-7S

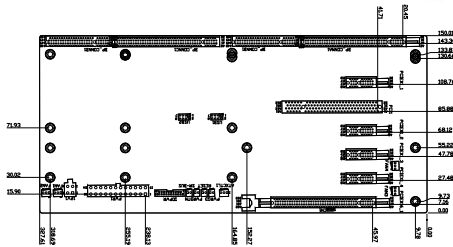
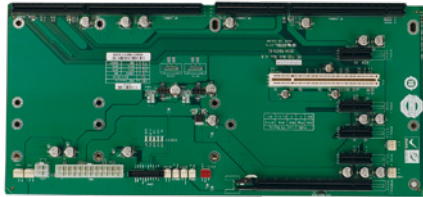


Ordering Information

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-7S2-R40

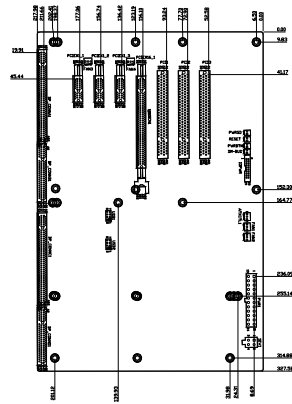
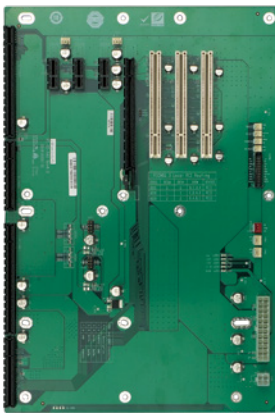
Mounting holes compatible with PCI-7S



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

PE-8S-R40

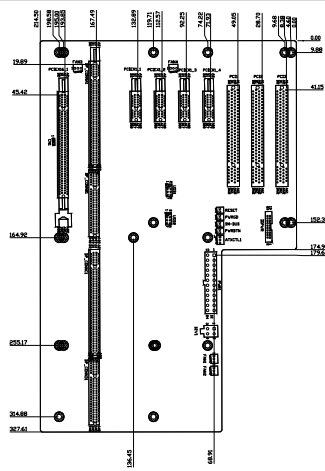
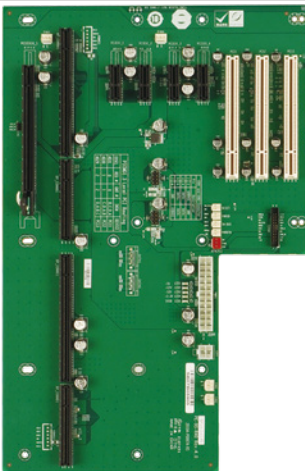


Ordering Information

PE-8S-R40	8-slot backplane with one PCIe x16 slot, 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

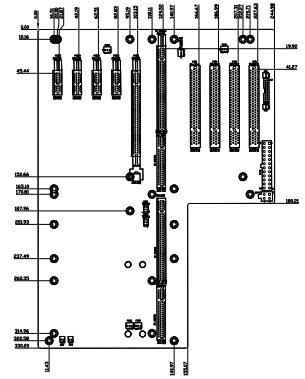
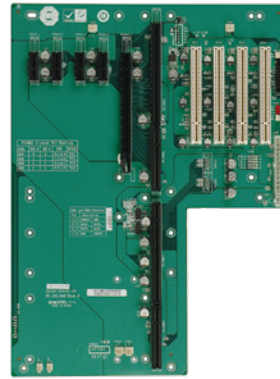


Ordering Information

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

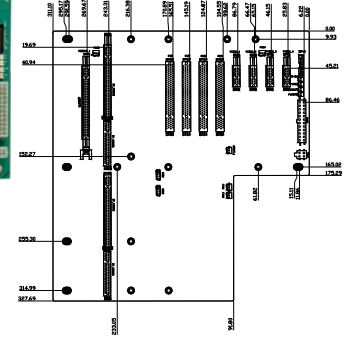
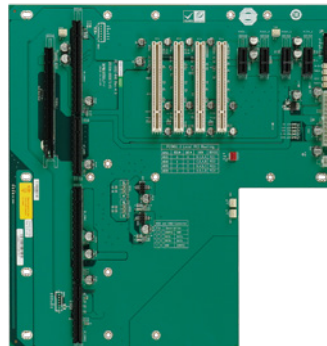


Ordering Information

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

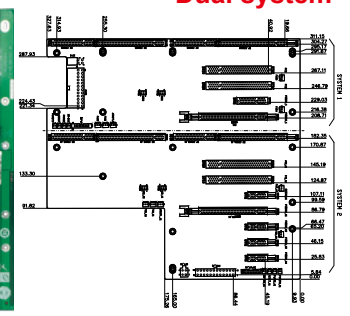
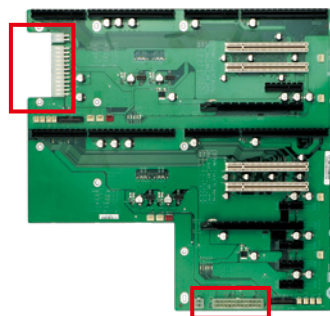


Ordering Information

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

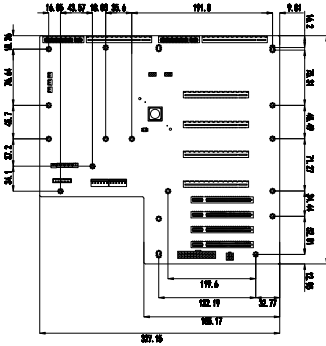
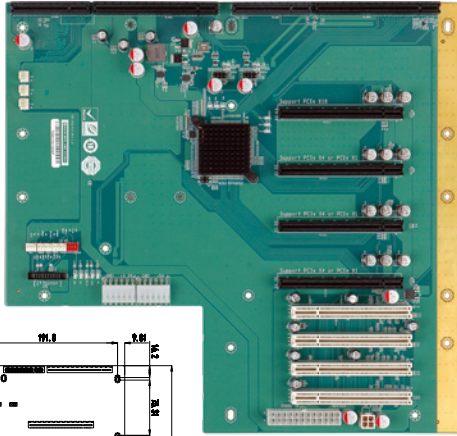
2 independent power resources

Ordering Information

PE-13SD-R40	13-slot backplane with two PCIe x16 slots, one PCIe x4 slot, four PCIe x1 slot 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-9S2-R10

Mounting holes compatible with PCI-14S



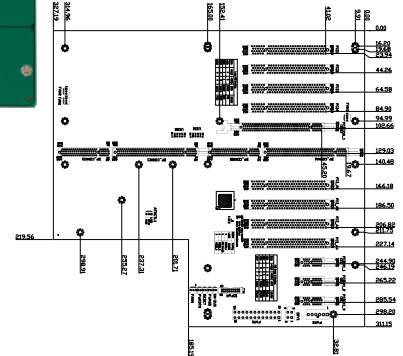
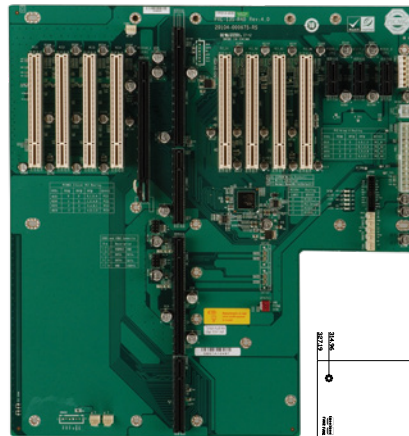
Ordering Information

PXE-9S2-R10	9-slot PICMG 1.3 backplane with one PCIe x16 by x16 slot, three PCIe x4 by x16 slots, and four PCI slots 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-13S-R51

Mounting holes compatible with PCI-14S

(PCIe to PCI Bridge)



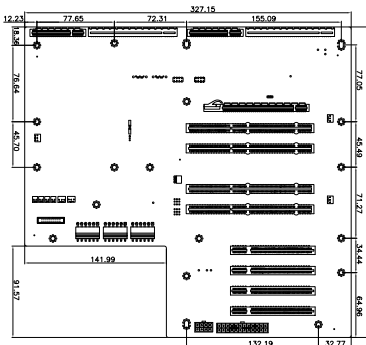
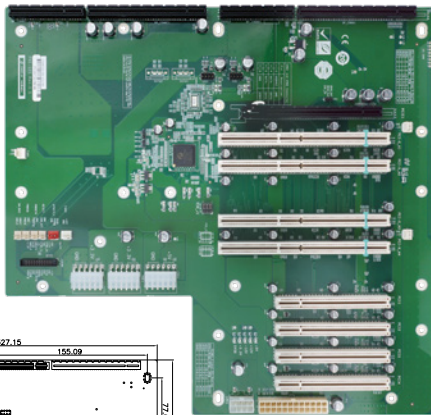
Ordering Information

PXE-13S-R51	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-12S-R11

Mounting holes compatible with PCI-14S

(PCIe to PCI-X Bridge)



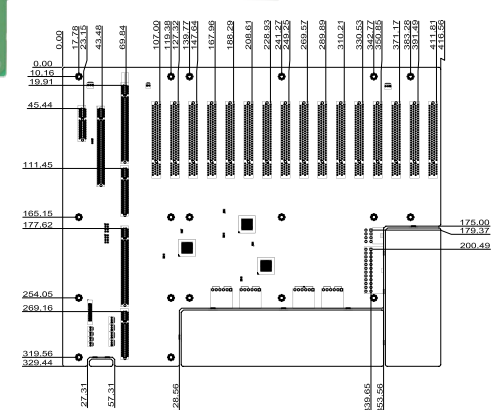
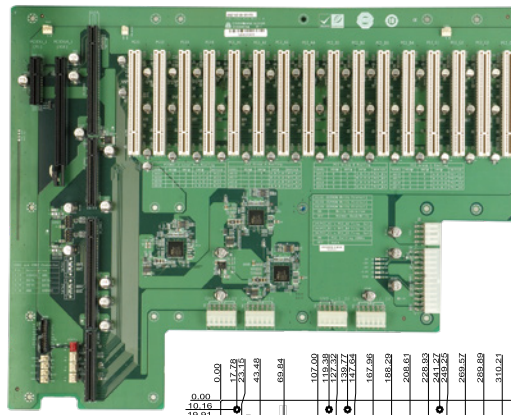
Ordering Information

PXE-12S-R11	12-slot backplane with one PCIe x16 slot, four 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-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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