

PICMG 1.3 Passive Backplane

Selection Guide

PAC series wall-mount chassis

4U/5U rack-mount chassis

1U/2U rack-mount chassis

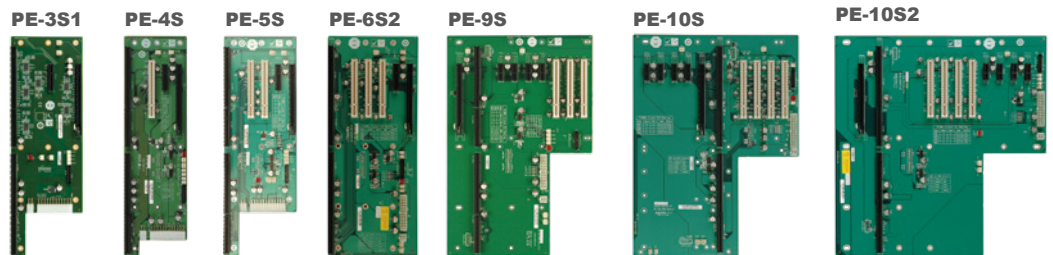
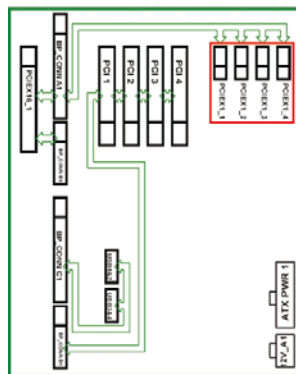
PICMG 1.3 (PCIe+PCI)	Model	PE-2SD1	PE-3S1	PE-4S	PE-5S	PE-5S2	PE-6S	PE-6S2	PE-6SD	PE-6SD3
Total Slot		2	5	4	5	5	6	6	5	5
Expansion Slots	PCIe Slots	x16 *	1 (Gen 2.0)	1 (Gen 3.0)	1	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)
		x4		1 (Gen 3.0)	1	1 (Gen 2.0)		1 (Gen 2.0)		1 (Gen 2.0)
		x1					3 (Gen 2.0)	2 (Gen 2.0)		3 (Gen 2.0)
	PCI-X Slots									
PCI Slots			1	2		2	3		2	
USB Connectors by Pin Header		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
Chassis		RACK-1150-PE	RACK-500AI	N/A	N/A	N/A	RACK-305G RACK-360G RACK-3000G PAC-1700G PAC-125 G	PAC-106G PAC-1000G	N/A	N/A
Note		1U Type							2U Type	2U Type

PICMG 1.3 (PCIe+PCI)	Model	PE-7S	PE-8S	PE-9S	PE-10S	PE-10S2	PXE-13S
Total Slot		7	8	9	10	10	13
Expansion Slots	PCIe Slots	x16 *	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 3.0)
		x4					
		x1	2 (Gen 2.0)	3 (Gen 2.0)	4 (Gen 2.0)	4 (Gen 2.0)	4 (Gen 2.0)
	PCI-X Slots						
PCI Slots							8
USB Connectors by Pin Header		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
Chassis		PAC-1700G	PAC-125G	N/A	RACK-305G RACK-360G RACK-3000G	RACK-3000G RACK-305G RACK-360G	RACK-3000G RACK-305G RACK-360G
Note							PCIe to PCI Bridge Backplane

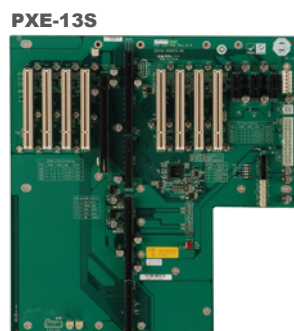
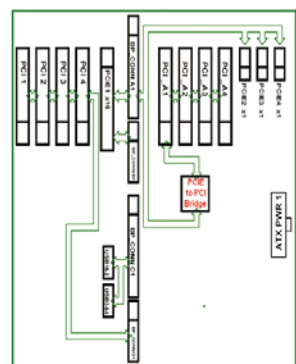
*When using a PCIe x16 add-on card, the length of the card must not exceed 167mm or 6.57 inches.

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.

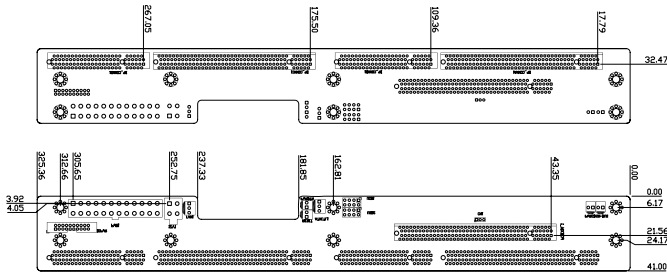
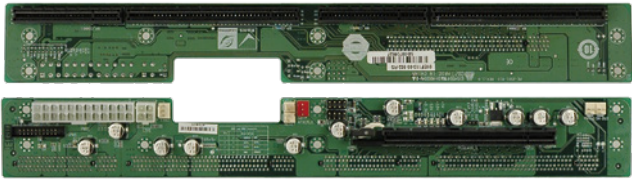


- Twenty PCIe lanes in total
- One PCIe x16 slot
- Up to four PCIe x1 or one PCIe x4 slot
- Up to four local PCI slots (w/o bridge)



PE-2SD1-R10

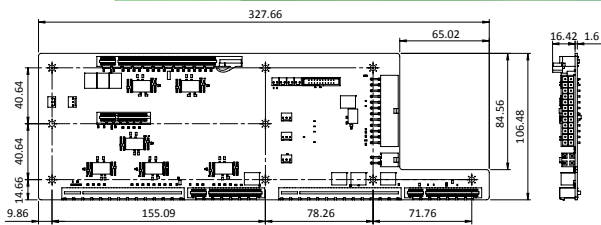
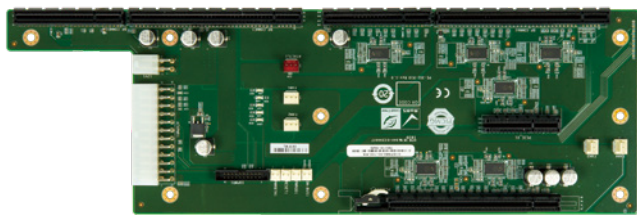
For 1U system!



Ordering Information

PE-2SD1-R10	2-slot backplane with one PCIe slot (PCIe Gen 2.0)
RACK-1150G-PE	1U full-size rack-mount chassis

PE-3S1-R10

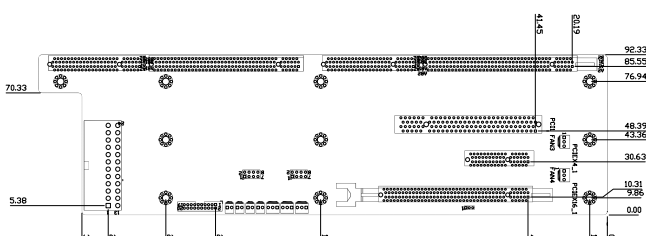
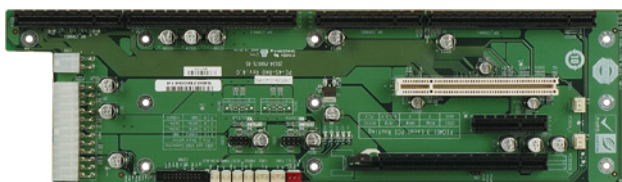


Ordering Information

PE-3S1-R10	5-slot PICMG 1.3 backplane with one PCIe x16 slot and one PCIe x4 Slot, RoHS (PCIe Gen 3.0)
RACK-500AI	5U 5-slot full-size rackmount chassis

PE-4S-R40

Mounting holes compatible with PCI-4S

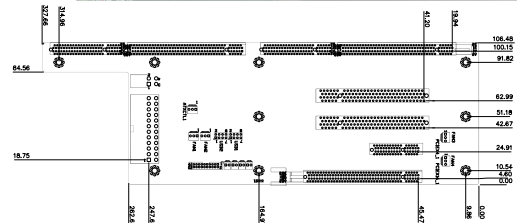
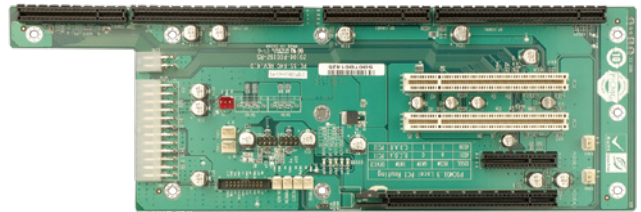


Ordering Information

PE-4S-R40	4-slot backplane with one PCIe x16 slot, one PCIe x4 slot and one PCI slot
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PE-5S-R40

Mounting holes compatible with PCI-5S

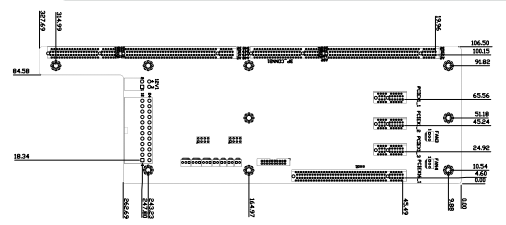
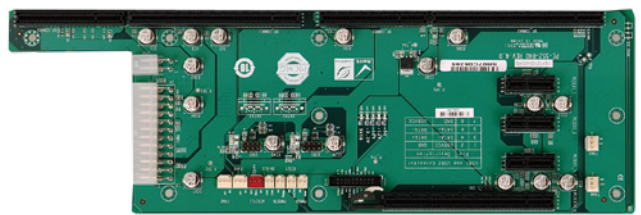


Ordering Information

PE-5S-R40	5-slot backplane with one PCIe x16 slot, one PCIe x4 slot and two PCI slots (PCIe Gen 2.0)
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PE-5S2-R40

Mounting holes compatible with PCI-5S

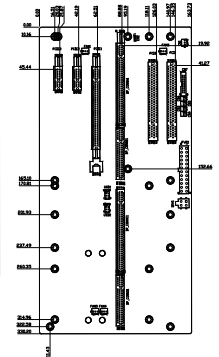
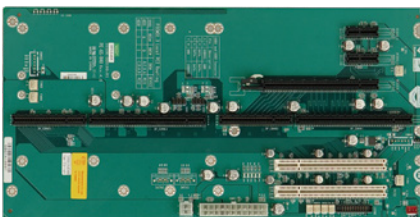


Ordering Information

PE-5S2-R40	5-slot backplane with one PCIe x16 slot and three PCIe x1 slots (PCIe Gen 2.0)
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PE-6S-R41

Mounting holes compatible with PCI-7S

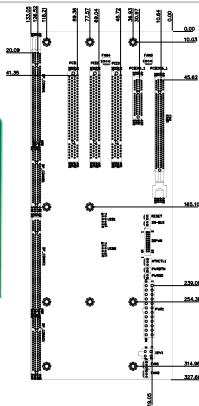
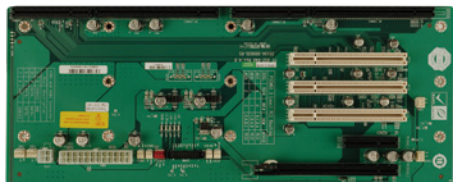


Ordering Information

PE-6S-R41	6-slot backplane with one PCIe x16 slot, two PCIe x1 slots and two PCI slots (PCIe Gen 2.0)
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-6S2-R40

Mounting holes compatible with PCI-6S



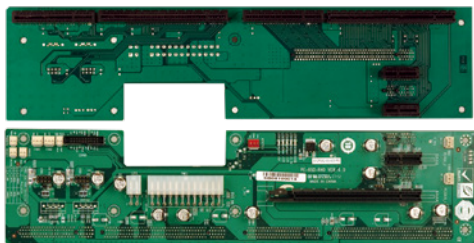
Ordering Information

PE-6S2-R40	6-slot backplane with one PCIe x16 slot, one PCIe x4 slot and three PCI slots (PCIe Gen 2.0)
PAC-106G *	6-slot full-size compact chassis
PAC-1000G	6-slot full-size compact chassis

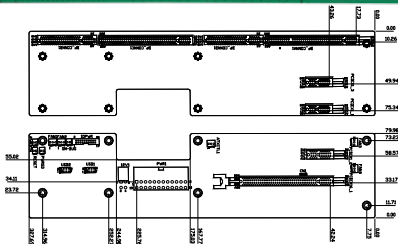
* When using a PCIe x16 add-on card, the length of the card must not exceed 167mm or 6.57 inches.

PE-6SD-R40

Mounting holes compatible with PCI-6SD



2U Type

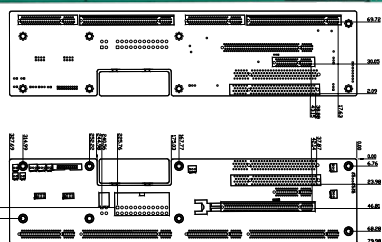
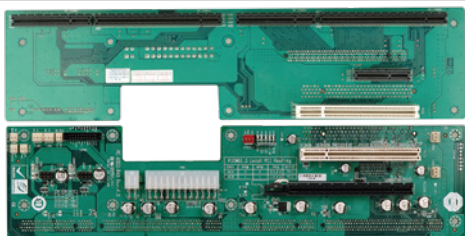


Ordering Information

PE-6SD-R40	5-slot backplane with one PCIe x16 slot and three PCIe x1 slots (PCIe Gen 2.0)
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PE-6SD3-R40

Mounting holes compatible with PCI-6SD

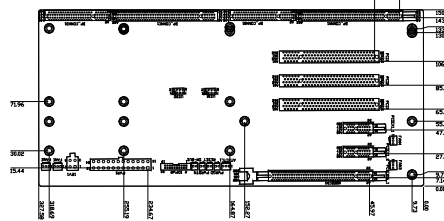
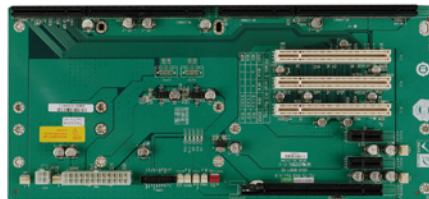


Ordering Information

PE-6SD3-R40	5-slot backplane with one PCIe x16 slot, one PCIe x4 slot and two PCI slots (PCIe Gen 2.0)
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PE-7S-R40

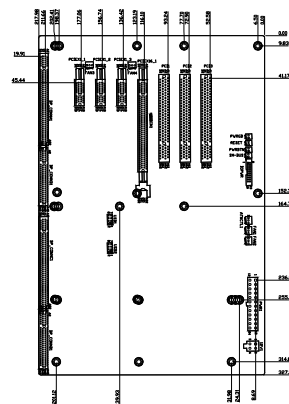
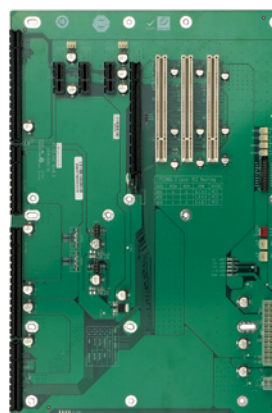
Mounting holes compatible with PCI-7S



Ordering Information

PE-7S-R40	7-slot backplane with one PCIe x16 slot, two PCIe x1 slots and three PCI slots (PCIe Gen 2.0)
PAC-1700G	7-slot full-size compact chassis

PE-8S-R40

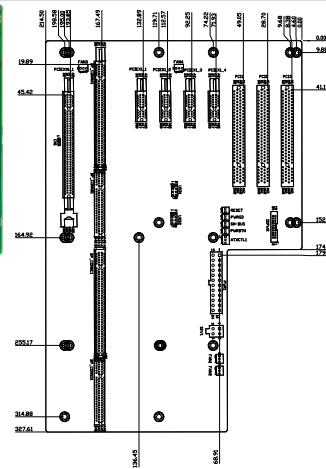
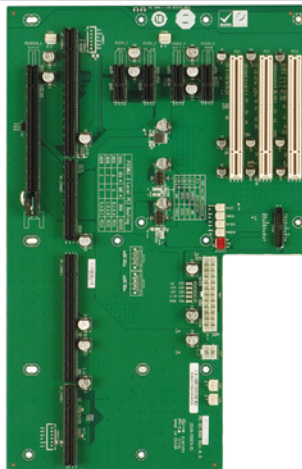


Ordering Information

PE-8S-R40	8-slot backplane with one PCIe x16 slot, three PCIe x1 slots and three PCI slots (PCIe Gen 2.0)
PAC-125G	10-slot full-size compact chassis

PE-9S-R40

Mounting holes compatible with PCI-10S2

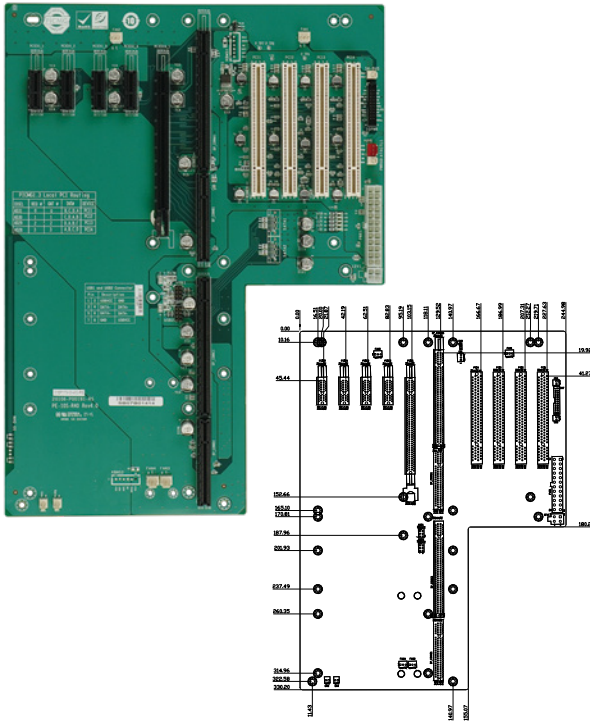


Ordering Information

PE-9S-R40	9-slot backplane with one PCIe x16 slot, four PCIe x1 slots and three PCI slots (PCIe Gen 2.0)
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PE-10S-R40

Mounting holes compatible with PCI-14S

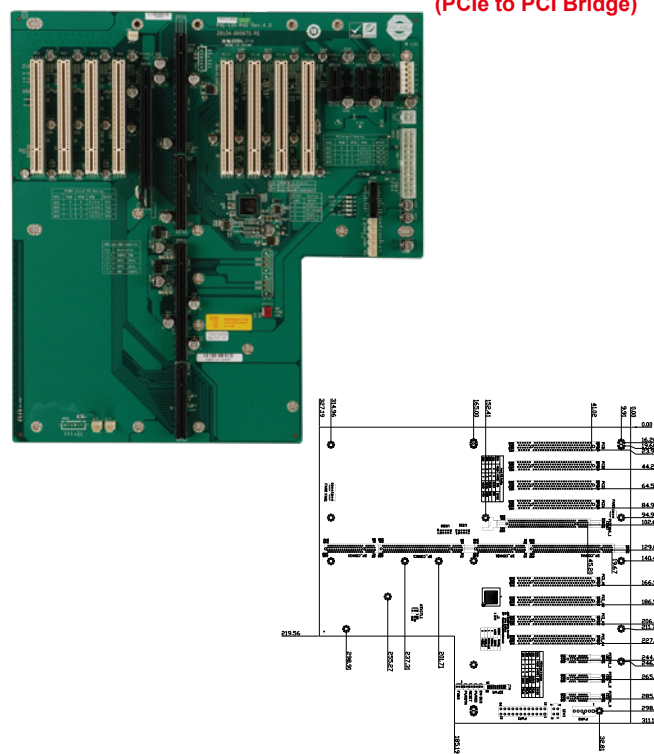


Ordering Information

PE-10S-R40	10-slot backplane with one PCIe x16 slot, four PCIe x1 slots and four PCI slots (PCIe Gen 2.0)
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



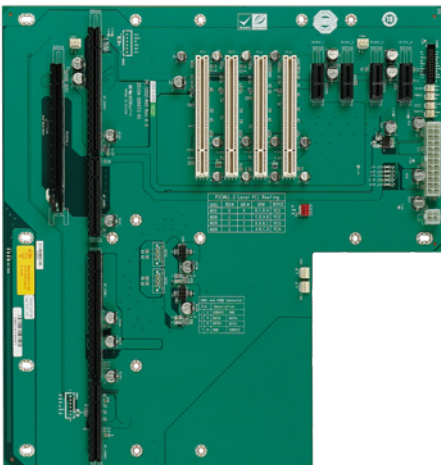
(PCIe to PCI Bridge)

Ordering Information

PXE-13S-R51	13-slot backplane with one PCIe x16 slot, three PCIe x1 slots and eight PCI slots (PCIe Gen 3.0)
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-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 (PCIe Gen 2.0)
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