PICMG 1.3 Passive Backplane

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

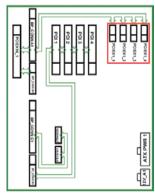
PICMG 1.3 (PCle+PCl) Model		PE-2SD1	PE-2SD2	PE-4S	PE-4S2	PE-5S	PE-5S2	PE-6S	PE-6S2	PE-6SD	PE-6SD3	
Total Slot		2	2	4	4	5	5	6	6	5	5	
	PCle Slots	x16 *	1		1	1	1	1	1	1	1	1
		x4			1		1			1		1
Expansion Slots		x1						3	2		3	
31013	PCI-X Slots											
	PCI Slots			1	1	2	2		2	3		2
USB Connectors by Pin Header		4	4	4	4	4	4	4	4	4	4	
PS	SU Type		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	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 (PCle+PCI)	Мо	del	PE-7S	PE-7S2	PE-8S	PE-9S	PE-10S	PE- 10S2	PE-13SD	PXE-9S2	PXE-12S	PXE-13S	PXE-19S2
To	Total Slot		7	7	8	9	10	10	13	9	12	13	19
		x16 *	1	1	1	1	1	1	1/1	1	1	1	1
	PCIe Slots	x4							1/0	3			
Expansion Slots		x1	2	4	3	4	4	4	0/4	0		3	1
31013	PCI-X Slots									0	4		
	PCI Slots		3	1	3	3	4	4	2/2	4	4	8	16
	B Connectors by Pin Header		4	4	4	4	4	4	8	4	4	4	4
P	SU Type		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 Bri	idge 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.



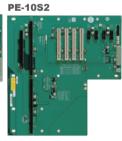
PE-4S PE-5S



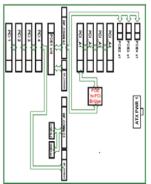








- Twenty PCIe lanes in total
- One PCIe x16 slot
- Up to four PCle x1 or one PCle x4 slot
- Up to four local PCI slots (w/o bridge)





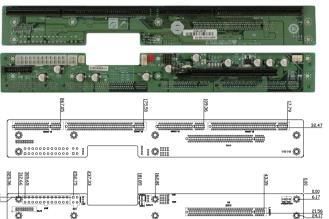


- Twenty PCIe lanes in total
- One PCle x16 slot
- Up to four PCle x1 slots
- PCI slots expandable via PCIe to PCI bridge

■ PE-2SD1-R10







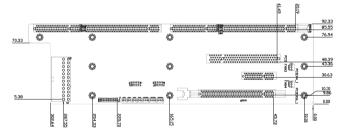
Ordering Information

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

■ PE-4S-R40

Mounting holes compatible with PCI-4S



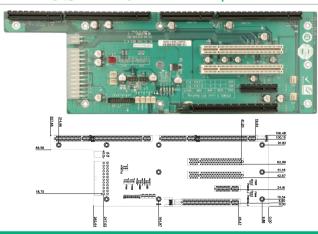


Ordering Information

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

■ PE-5S-R40

Mounting holes compatible with PCI-5S



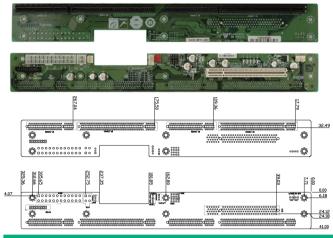
Ordering Information

PE-5S-R40 5-slot backplane with one PCle x16 slot, one PCle x4 slot and two PCI slots

RACK-500G 5U 5-slot full-size rack-mount chassis

■ PE-2SD2-R10





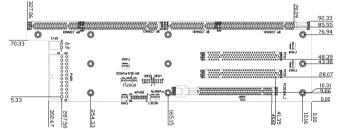
Ordering Information

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

PE-4S2-R40

Mounting holes compatible with PCI-4S



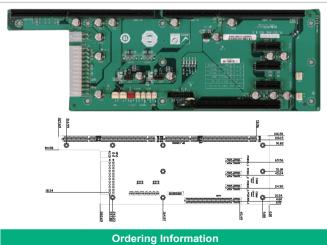


Ordering Information

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

■ PE-5S2-R40

Mounting holes compatible with PCI-5S

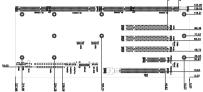


PE-5S2-R40 5-slot backplane with one PCIe x16 slot and three PCIe x1 slots RACK-500G 5U 5-slot full-size rack-mount chassis

■ PE-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

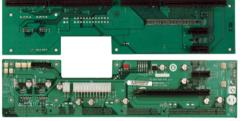
two PCI slots

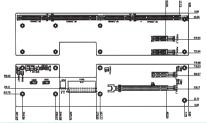
RACK-305G 4U 14-slot full-size rack-mount chassis RACK-360G 4U 14-slot full-size rack-mount chassis RACK-3000G 4U 14-slot full-size rack-mount chassis PAC-1700G 7-slot full-size compact chassis 10-slot full-size compact chassis

■ PE-6SD-R40

Mounting holes compatible with PCI-6SD

2U Type



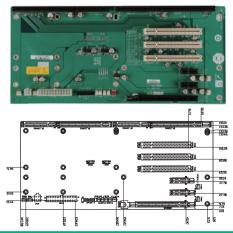


Ordering Information

PE-6SD-R40 5-slot backplane with one PCle x16 slot and three PCle x1 slots

■ PE-7S-R40

Mounting holes compatible with PCI-7S



Ordering Information

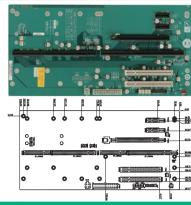
PE-7S-R40 7-slot backplane with one PCle x16 slot, two PCle x1 slots and

three PCI slots

PAC-1700G 7-slot full-size compact chassis

■ PE-6S2-R40

Mounting holes compatible with PCI-6S



Ordering Information

PE-6S2-R40 6-slot backplane with one PCle x16 slot, one PCle x4 slot and

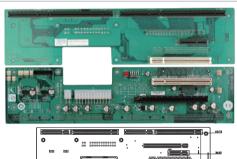
three PCI slots

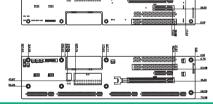
PAC-106G * 6-slot full-size compact chassis PAC-1000G 6-slot full-size compact chassis

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

■ PE-6SD3-R40

Mounting holes compatible with PCI-6SD





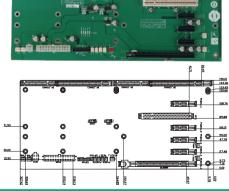
Ordering Information

PE-6SD3-R40

5-slot backplane with one PCle x16 slot, one PCle x4 slot and

■ PE-7S2-R40

Mounting holes compatible with PCI-7S



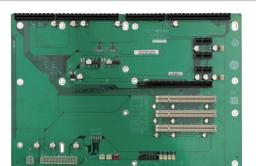
Ordering Information

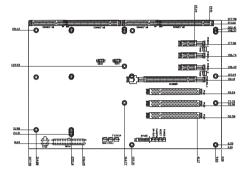
PE-7S2-R40 7-slot backplane with one PCle x16 slot, four PCle x1 slots and one

PCI slot

PAC-1700G 7-slot full-size compact chassis

■ PE-8S-R40





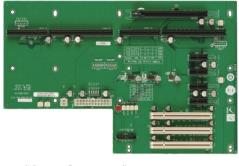
Ordering Information

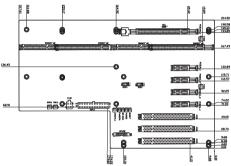
PE-8S-R40 8-slot backplane with one PCle x16 slot, three PCle x1 slots and three PCl slots

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

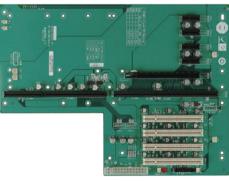
three PCI slots

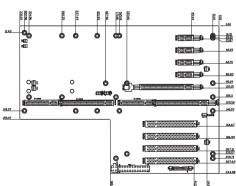
■ PE-10S-R40

Mounting holes compatible with PCI-14S

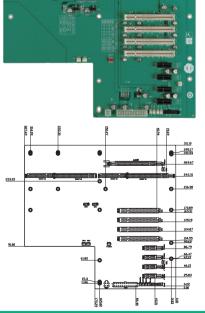
■ PE-10S2-R40

Mounting holes compatible with PCI-14S





PE-10S-R40 10-slot backplane with one PCle x16 slot, four PCle x1 slots and four PCl 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

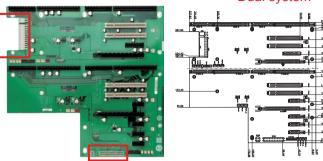


PE-10S2-R40 10-slot backplane with one PCle x16 slot, four PCle x1 slots and four PCl slots RACK-3000G 4U 14-slot full-size rack-mount chassis RACK-305G 4U 14-slot full-size rack-mount chassis RACK-360G 4U 14-slot full-size rack-mount chassis

■ PE-13SD-R40

Mounting holes compatible with PCI-14S

Dual system



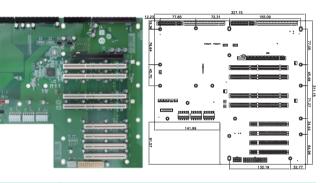
2 independent power resources

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-12S-R11

Mounting holes compatible with PCI-14S

(PCIe to PCI-X Bridge)

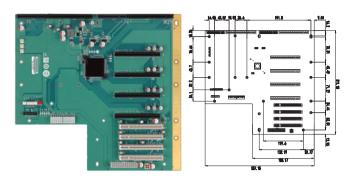


Ordering	

PXE-12S-R11	12-slot backplane with one PCle x16 slot, four PCl-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-9S2-R10

Mounting holes compatible with PCI-14S

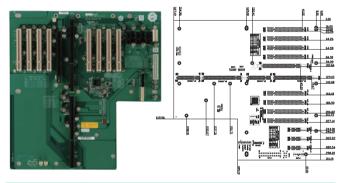


Ordering Information						
PXE-9S2-R10	9-slot PICMG 1.3 backplane with one PCIe x16 by x16 slot, three PCIe x4 by x16 slots, and four PCI slots RoHS					
RACK-305G	4U 14-slot full-size rack-mount chassis					
RACK-360G	4U 14-slot full-size rack-mount chassis					
RACK-3000G	4U 14-slot full-size rack-mount chassis					

■ PXE-13S-R51

Mounting holes compatible with PCI-14S

(PCIe to PCI Bridge)

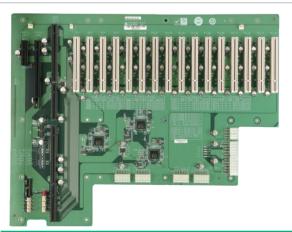


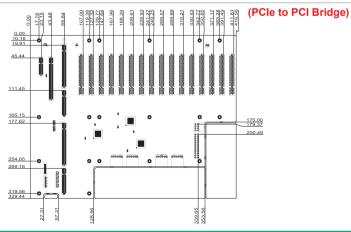
Ordering Information

PXE-13S-R51	13-slot backplane with one PCle x16 slot, three PCle 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-19S2-R10

Mounting holes compatible with PCI-19S





Ordering Information

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