

PICMG 1.3 Passive Backplane

Selection Guide

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

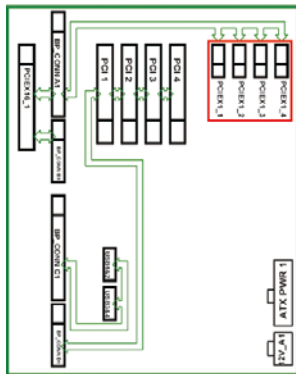
PICMG 1.3 (PCIe+PCI)	Model	PE-2SD1	PE-3S1	PE-4S	PE-5S	PE-5S2	PE-6S	PE-6S2	PE-6SD	PE-6SD3
Total Slot		2	5	4	5	5	6	6	5	5
Expansion Slots	PCIe Slots	x16 * 1 (Gen 2.0)	1 (Gen 3.0)	1	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)	1 (Gen 2.0)
		x4	1 (Gen 3.0)	1	1 (Gen 2.0)			1 (Gen 2.0)		1 (Gen 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 2.0)	1 (Gen 3.0)
		x4					
		x1	2 (Gen 2.0)	3 (Gen 2.0)	4 (Gen 2.0)	4 (Gen 2.0)	3 (Gen 3.0)
	PCI-X Slots						
	PCI Slots	3	3	3	4	4	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.



PE-3S1

PE-4S

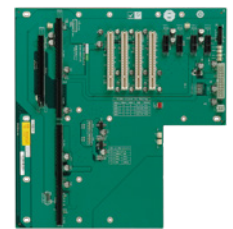
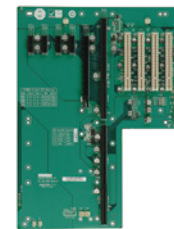
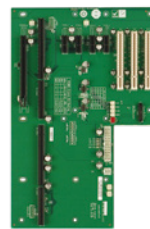
PE-5S

PE-6S2

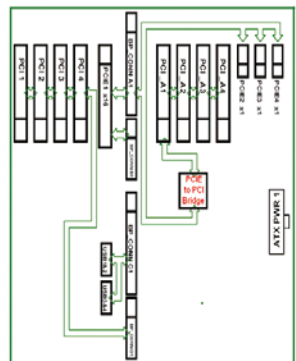
PE-9S

PE-10S

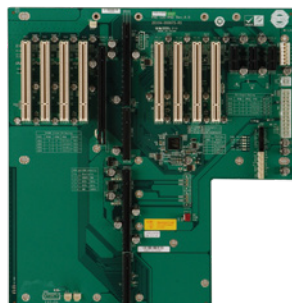
PE-10S2



- 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)



PXE-13S



For 1U system!



■ PE-5S-R40



■ PE-3S1-R10



■ PE-5S2-R40



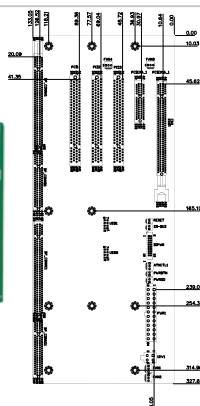
■ PE-4S-R40



■ PE-6S-R41



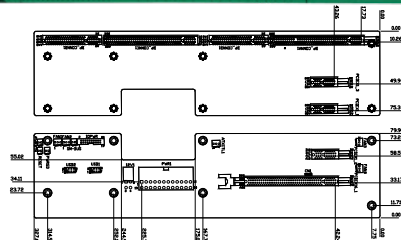
PE-6S-R41	6-slot backplane with one PCIe x16 slot, two PCIe x1 slots and two PCI slots (PCIe Gen 2.0)
RACK-305G	4U 14-slot full-size rack-mount chassis
RACK-360G	4U 14-slot full-size rack-mount chassis
RACK-3000G	4U 14-slot full-size rack-mount chassis
PAC-1700G	7-slot full-size compact chassis
PAC-125G	10-slot full-size compact chassis



PE-6S2-R40	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

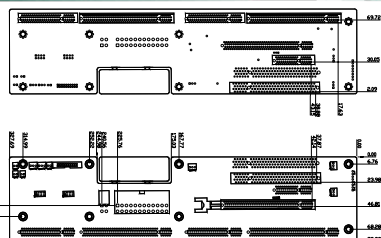
PE-6SD-R40

2U Type



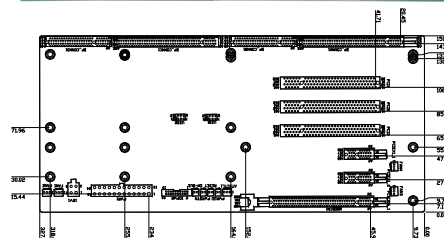
PE-6SD-R40	5-slot backplane with one PCIe x16 slot and three PCIe x1 slots (PCIe Gen 2.0)
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PE-6SD3-R40



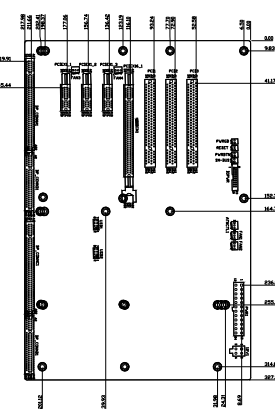
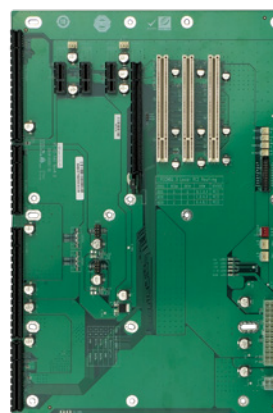
PE-6SD3-R40	5-slot backplane with one PCIe x16 slot, one PCIe x4 slot and two PCI slots (PCIe Gen 2.0)
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PE-7S-R40



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

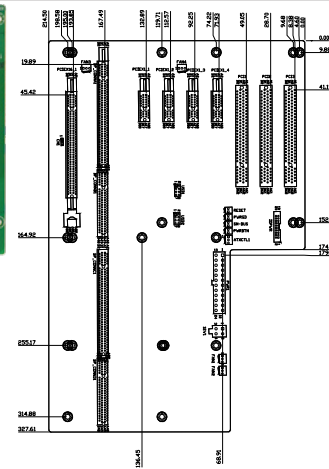
PE-8S-R40



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

A photograph of a green printed circuit board (PCB) for a Commodore 64. The board is populated with various electronic components. At the top, there are two large black integrated circuits (chips) labeled '6502' and '6545'. Below these are several smaller chips, including a '6551' and a '6555'. A large black multi-pin connector is visible on the left side. On the right side, there are several gold-plated edge connectors. A small white label with the text 'COMMODORE 64' is located near the bottom center. The board is populated with numerous capacitors, resistors, and other passive components. The overall layout is typical of a Commodore 64 motherboard.



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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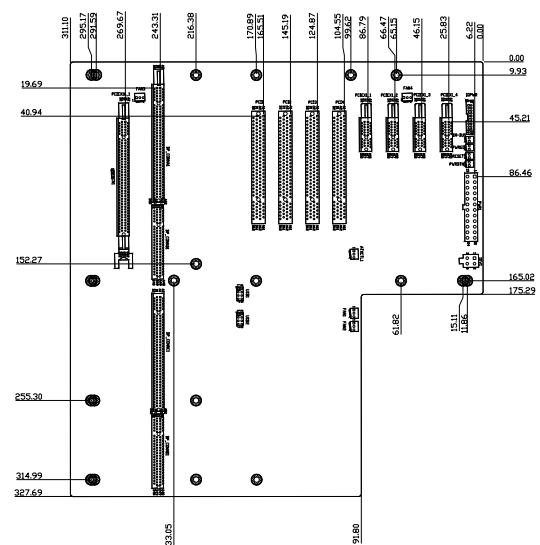
**Mounting holes
compatible with PCI-14S**



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

**Mounting holes
compatible with PCI-14S**

[illegible]

9,00	100%
50,00	500%