# 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**

**Example**

**EX1: 2 x8 & 1 x4 slots**

**Corresponding Model**

**SPE-4S**

**EX2: 1 x8 & 3 x4 slots**

**SPE-9S**

**EX3: 5 x4 slots**

**SPE-6S**

**SHB x4 x4 x4 x4 x4**

**SHB x4 x8 x4 x4**

**SHB x8 x8 x4**

**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.

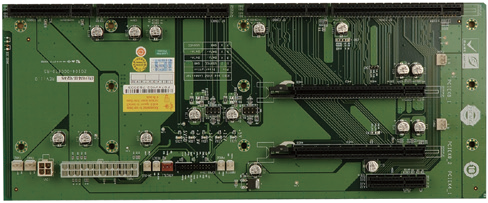
**System Solution for options**

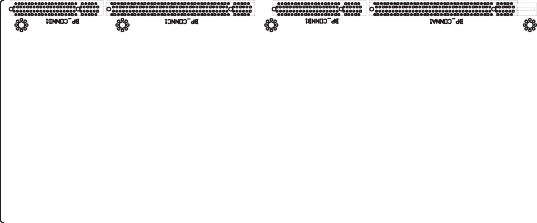
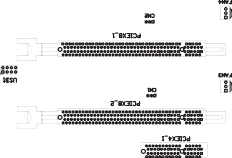
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Backplane** | **Total** | **PCIe** | | | | | | **PSU Type** | **Chassis Option** |
| **Slot** | **x16** | **x8** | **x4** | **x1** | **PCI-X** | **PCI** |
| SPE-4S | 4 | - | 2  (x16 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-11S | 11 | - | - | 6  (x16 connector) | - | - | 4 | 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 |



**SPE-4S-R10**

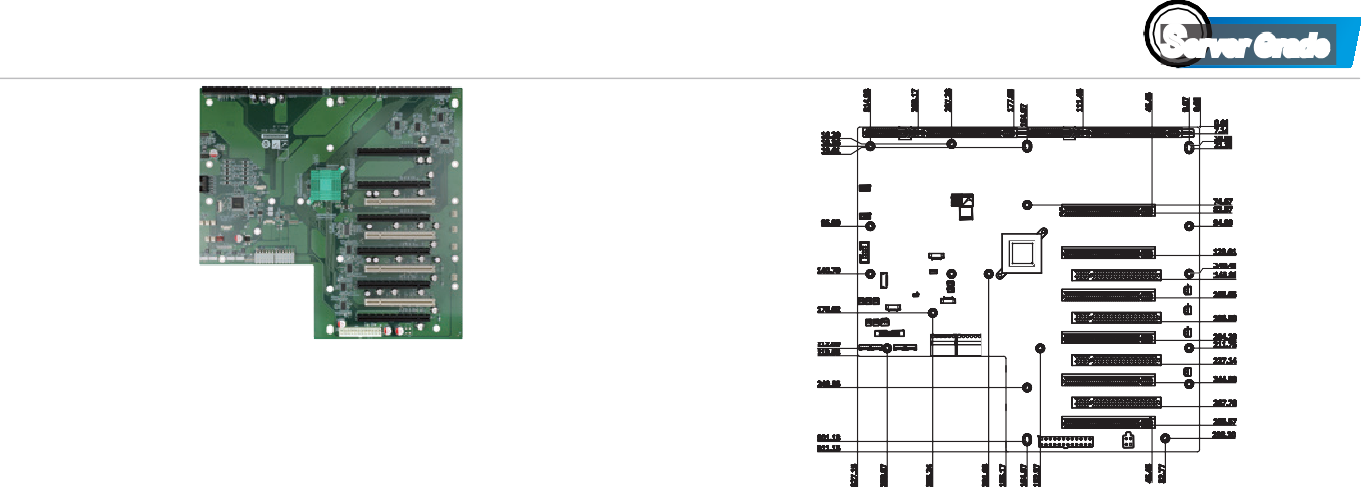
***Server Grade***





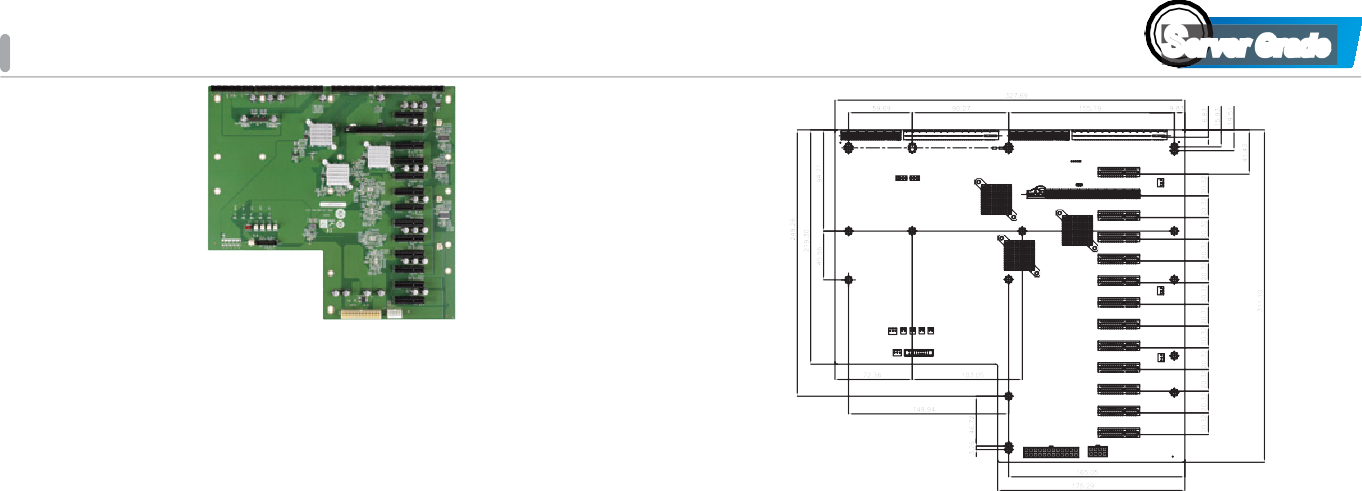
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| --- | --- |
| **Ordering Information** | |
| SPE-4S-R10 | 4-slot PICMG 1.3 backplane with two PCIe x16 slots (x8 signal) and one PCIe x4 slot |
| PAC-106G | 6-slot full-size compact chassis |
| PAC-1000G | 6-slot full-size compact chassis |





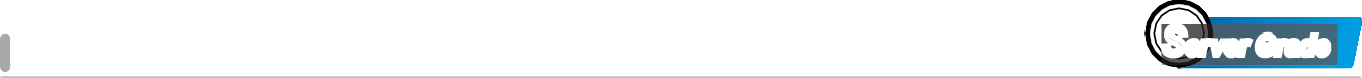
**SPXE-11S-R10**

***Server Grade***



**SPXE-14S-R20**

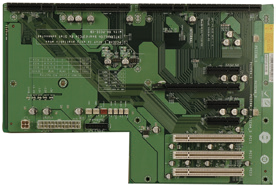
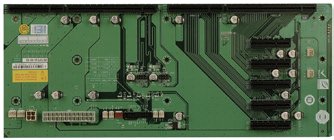
***Server Grade***

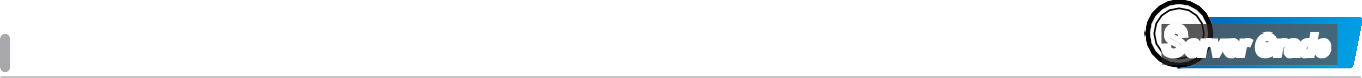
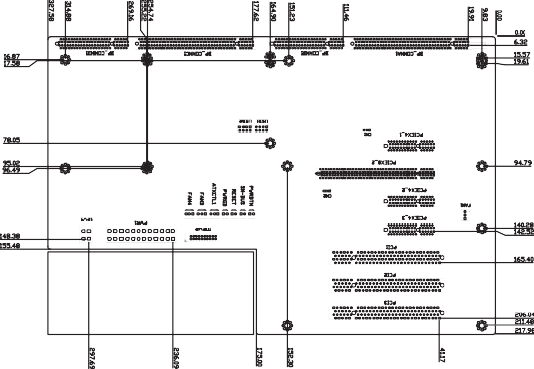
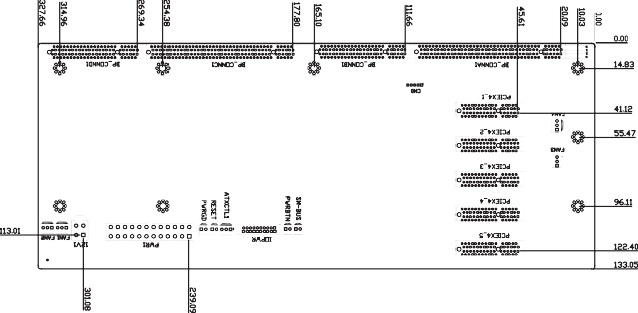


**SPE-6S-R10**

***Server Grade***

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| --- | --- |
| **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**

***Server Grade***

|  |  |
| --- | --- |
| **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 |

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| **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 |

|  |  |
| --- | --- |
| **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 |