

PICMG 1.3 Backplane

Selection Guide

PAC series wall-mount Chassis

4U Rack-mount Chassis

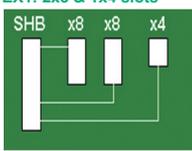
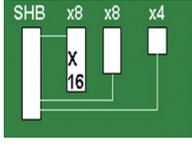
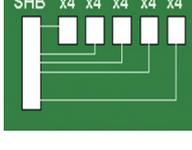
2U Rack-mount Chassis

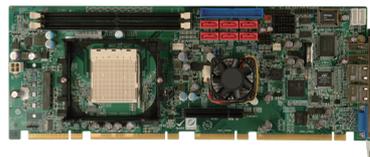
Backplane		SPE-4S	SPE-6S	SPE-9S	SPXE-9S	SPXE-14S			
Total	Slot	4	6	9	9	14			
PCIe	x16								
	x8	2(x16connector)		1+1(x16connector)	1+1(x16connector)	1(x16connector)			
	x4	1	5	3	2				
	x1					12			
	PCI-X				2				
	PCI			3	2				
PSU TYPE		24+4 pin ATX	24+4 pin ATX	24+4 pin ATX	24+4 pin ATX	24+4 pin ATX			
Chassis Option		WMF765 WMF-06 WMF-06TX	WMF765 WMF-06 WMF-06TX	WMF810					

IEI Server Grade Backplane Solution

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

Server Grade Backplane

Example	Corresponding Model
EX1: 2x8 & 1x4 slots 	SPE-4S 
EX2: 1x16, x8 & x4 slots 	SPE-9S SPXE-9S 
EX3: 5x4 slots 	SPE-6S 



Server Grade	Integrated, small foot print enhances schematic stable and performance
AMD64	AMD Socket AM2 32/64-bit single/Dual Core CPU supported
ECC support	Reduce the latency of memory access by integrated memory controller
Expansion	28 Configurable PCIe lanes provide direct signal transferring path on the backplane w/o switch
Connectivity	Dual GbE support Load-balancing/TOE/ ASF2.0 for data distribution and remote management
Data Protection	6 SATA II with RAID Function supported



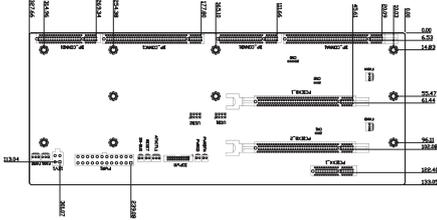
Now earning more PCIE Bandwidth and Flexible PCIe Configuration than Standard PICMG1.3 Via SPCIE-3600AM2

		SPCIE-3600AM2						
		Type	A	B	C	D	E	F
PCIe Slots Available (Non -switch)	x16		1	1	1	-	-	-
	x8		1	1	-	3	2	1
	x4		1	-	2	1	3	5
	x2		-	-	2	-	-	-
	x1		-	4	-	-	-	-
Backplane Solution		IEI SPE/SPXE BP						
Option		To perform bandwidth of full 28 PCIe Lanes, external PCIe x8 converter Board(X8-PCIE-CB-R10) must be used. SPE-4S / SPE-6S is compliant for PICMG1.3 sever-grade SBC with 20 PCIe Lanes Supported						

System Solution for options

Backplane	Total Slot	PCIe					PSU Type	Chassis Option
		x16	x8	x4	x1	PCI-X		
SPE-4S	4	-	"2 (x16 connector)"	1	-	-	24+4 pin ATX	
SPE-6S	6	-	-	5	-	-	24+4 pin ATX	
SPE-9S	9	-	"1+1 (x16 connector)"	3	-	3	24+4 pin ATX	
SPXE-9S	9	-	"1+1 (x16 connector)"	2	-	2	24+4 pin ATX	
SPXE-14S	14	-	"1 (x16 connector)"	-	12	-	24+4 pin ATX	

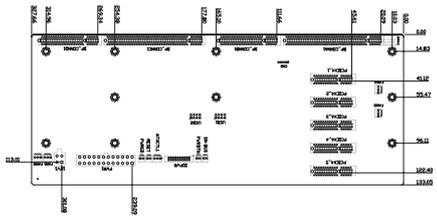
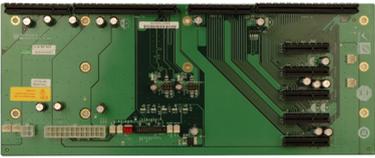
SPE-4S



Ordering Information

SPE-4S-R10	4-Slot PICMG 1.3 Backplane with 2 PCIe x16 (x8 signal) and 1 PCIe x4 slots
PAC-106G-R20	6-Slot Full Size Industrial Chassis
PAC-107G-R20	6-Slot Full Size Industrial Chassis
PAC-1000G	6-Slot Full Size Industrial Chassis
PACO-506F	6-Slot Full Size Industrial Chassis

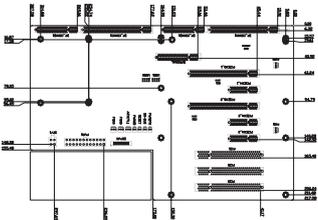
SPE-6S



Ordering Information

SPE-6S-R10	6-Slot PICMG 1.3 Backplane with 5 PCIe x4 slots
PAC-106G-R20	6-Slot Full Size Industrial Chassis
PAC-107G-R20	6-Slot Full Size Industrial Chassis
PAC-1000G	6-Slot Full Size Industrial Chassis
PACO-506F	6-Slot Full Size Industrial Chassis

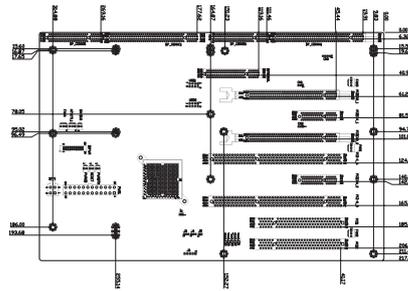
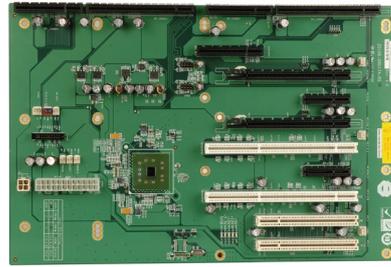
SPE-9S



Ordering Information

SPE-9S-R10	9-Slot PICMG 1.3 Backplane with 2 PCIe x16 (x8 signal) 3 PCIe x4, and 3 PCI
PAC-125G-R20	10-Slot Full Size Industrial Chassis
RACK-900G	10-Slot Full Size Industrial Chassis

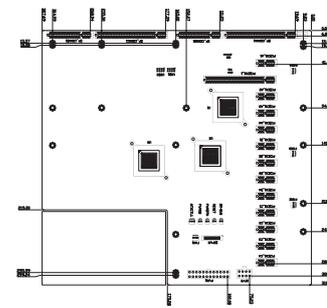
SPXE-9S



Ordering Information

SPXE-9S-R10	9-Slot PICMG 1.3 Backplane with 2 PCIe x16 (x8 signal) 2 PCIe x4, 2 PCI-X, and 2 PCI
PAC-125G-R20	10-Slot Full Size Industrial Chassis
RACK-900G	10-Slot Full Size Industrial Chassis

SPXE-14S



Ordering Information

SPXE-14S-R10	14-Slot PICMG 1.3 Backplane with 1 PCIe x16 (x8 signal) and 12 PCIe x1
RACK-305G-R20	4U Rack-mount Industrial Chassis
RACK-360G-R20	4U Rack-mount Industrial Chassis
RACK-814G-R20	4U Rack-mount Industrial Chassis
RACK-3000G-R20	4U Rack-mount Industrial Chassis