



PICMG 1.3 Backplane Matrix Table

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		PCI Express				PCI-X	PCI
		x16 slot	x8 slot	x4 slot	x1 slot		
Server Grade	PBPE-19AG64	1 [x8]	1 [x4]			16	
	PBPE-14AD64		1	1		8	3
	PBPE-06V464			1		4	
	PBPE-08P41	2 [x8]	1 [x4]				4
	PBPE-06A364	2 [x8]				2	1
	PBPE-06P2	2 [x8]	1 [x4]				2
Non-Server Grade	PBPE-13A4	1 + 2 [x1]		5 [x1]			4
	PBPE-12P4	1 [x8]	2 [x4]	4 [x1]			4
	PBPE-11A3	1 + 2 [x8]	4 [x1]				3
	PBPE-13A8	1			3		8
	PBPE-12A9	1	1 [x4]				9
	PBPE-12AA64	1				8	2
	PBPE-06V3	1	1 [x4]				3
	PBPE-06V	1			4		
	PBPE-07P4	1	1 [x4]	1			4
	PBPE-05A364	1				2	1
	PBPE-06P4		1 [x4]				4
	PBPE-06P3	1		1			3

*Remark: [] → means real signal, ex. [x4] is for x4 signal but slot may not be x4 slot; [x8] is for x8 signal but slot may not be x8 slot

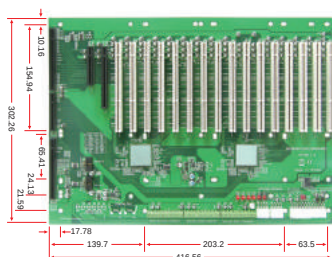
		ROBO-8120	ROBO-8113	ROBO-8113	ROBO-8112	ROBO-8112	ROBO-8111	ROBO-8111	ROBO-8110	ROBO-8110	ROBO-8210
		3420	C236	Q170	C226	Q87	C216	Q77	C206	Q67	QM57
Server Grade	PBPE-19AG64	✱	✱	✱	✱		✱		✱		
	PBPE-14AD64	✱	✱	✱	✱		✱		✱		
	PBPE-06V464	✱	✱	✱	✱		✱		✱		
	PBPE-08P41	✱	✱	✱	✱		✱		✱		
	PBPE-06A364	✱	✱	✱	✱		✱		✱		
	PBPE-06P2	✱	✱	✱	✱		✱		✱		
Non-Server Grade	PBPE-13A4	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-12P4		✱	✱	✱		✱		✱		
	PBPE-11A3	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-13A8	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-12A9	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-12AA64	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-06V3	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-06V	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-07P4	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-05A364	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-06P4	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
	PBPE-06P3	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱



PICMG 1.3 Backplane

PICMG 1.3 BACKPLANE

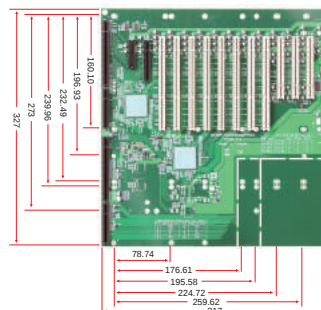
Server Grade Backplane



PBPE-19AG64

19-slot [PCIe x16 (1, x8 signal), PCIe x8 (1, x4 signal), PCI-X (16)]

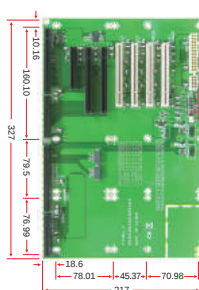
- Fit for 4U up chassis
- Four PCI-X buses support 16 PCI-X expansion slots



PBPE-14AD64

14-slot [PCIe x8 (1,x4 signal), PCIe x8 (1), PCI-X (8), PCI (3)]

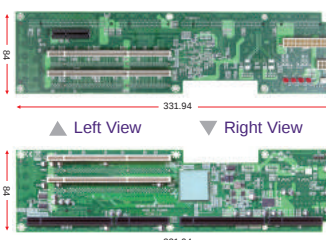
- Fit for 4U chassis
- Four PCI-X buses support eight PCI-X expansion slots



PBPE-08P41

8-slot [PCIe x8 (1, x4 signal), PCIe x16 (2, x8 signal), PCI (4)]

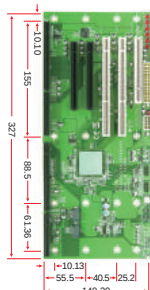
- Fit for Node chassis
- Four USB ports



PBPE-06V464

Vertical 6-slot [PCIe x4 (1), PCI-X (4)]

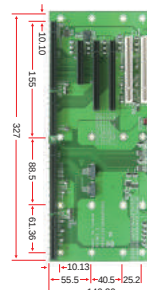
- Fit for 2U chassis
- Dual PCI-X buses support four PCI-X slots



PBPE-06A364

6-slot [PCIe x16 (2, x8 signal), PCI-X (2), PCI (1)]

- Fit for Node chassis
- Four USB ports
- Dual SATA ports
- Two PCI-X buses support two PCI-X expansion slot

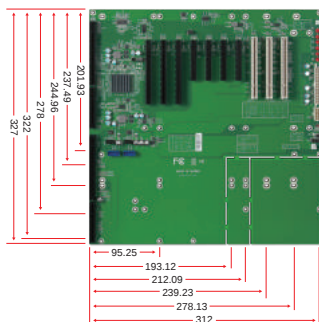


PBPE-06P2

6-slot [PCIe x8 (1, x4 signal), PCIe x16 (2, x8 signal), PCI (2)]

- Fit for Node chassis
- Four USB ports

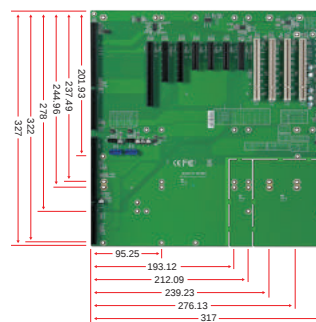
Non-Server Grade Backplane



PBPE-11A3

11-Slot [PCIe x16(1), PCIe x16 (2, x8 signal), PCIe x8 (4, x1 signal), PCIe (3)]

- Fit for 4U Chassis
- Four USB ports
- Two SATA ports
- Support PCIe Gen3 with ROBO-8112/8113 series

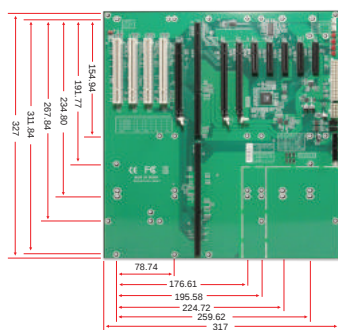


PBPE-12P4

12-Slot [PCIe x16 (1, x8 signal), PCIe x8 (2, x4 signal), PCIe x4 (4, x1 signal), PCI (4)]

- Fit for 4U Chassis
- Four USB ports
- Two SATA ports
- Support PCIe Gen3 with ROBO-8112/8113 series

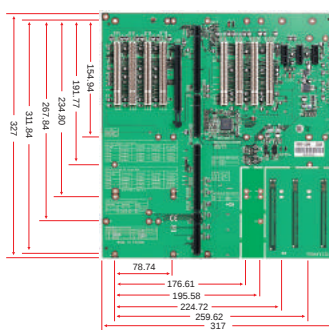
PICMG 1.3 Backplane



PBPE-13A4

13-slot [PCIe x16(1), PCIe x16(2, x1 signal), PCIe x4(5, x1 signal), PCI(4)]

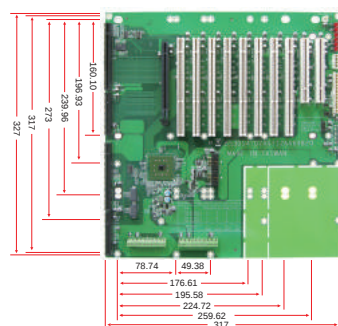
- Fit for 4U chassis
- Four USB 2.0 ports
- Dual SATA II ports



PBPE-13A8

13-slot [PCIe x1 (3), PCIe x16 (1), PCI (8)]

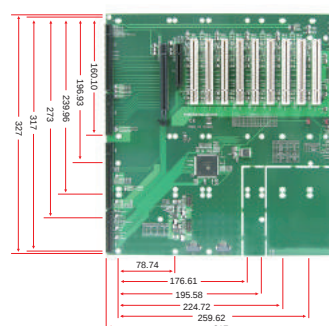
- Fit for 4U chassis
- Four USB ports
- Dual SATA ports
- 24-pin ESP12V power connector



PBPE-12AA64

12-slot [PCI-X (8), PCIe x16 (1), PCI (2)]

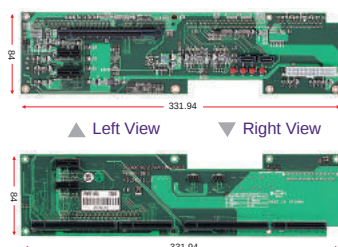
- Fit for 4U chassis
- Four USB ports
- Dual SATA ports
- Two PCI-X buses support eight PCI-X expansion slot



PBPE-12A9

12-slot [PCIe x16 (1), PCIe x8 (1, x4 signal), PCI (9)]

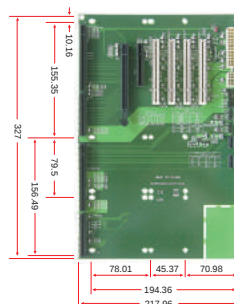
- Fit for 4U chassis
- Four USB ports
- Dual SATA ports



PBPE-06V3

Vertical 6-slot [PCIe x1 (4), PCIe x16 (1)]

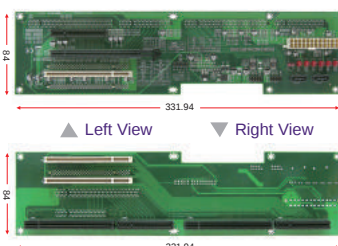
- Fit for 2U chassis
- Four USB ports
- Dual SATA ports
- 24-pin ESP 12V power connector



PBPE-07P4

7-slot [PCIe x8 (1, x4 signal), PCIe x16 (1), PCI (4)]

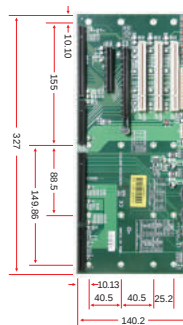
- Fit for Node chassis
- Four USB ports
- Dual SATA ports



PBPE-06V3

Vertical 6-slot [PCIe x8 (1, x4 signal), PCIe x16 (1), PCI (3)]

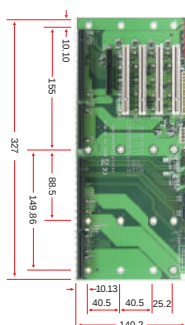
- Fit for 2U chassis
- Four USB ports
- Dual SATA ports



PBPE-06P3

6-slot [PCIe x16 (1), PCIe x4 (1), PCI (3)]

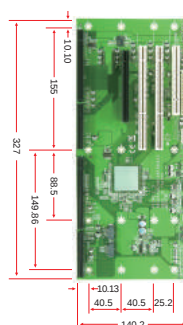
- Fit for Node chassis
- Four USB ports
- Dual SATA ports



PBPE-06P4

6-slot [PCIe x8 (1, x4 signal), PCI (4)]

- Fit for Node chassis
- Four USB ports
- Dual SATA ports



PBPE-05A364

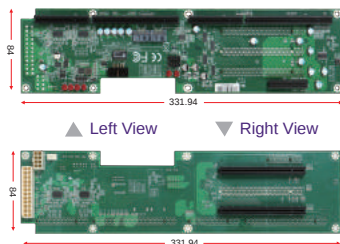
5-slot [PCIe x16 (1), PCI-X (2), PCI (1)]

- Fit for Node chassis
- Four USB ports
- Dual SATA ports
- Two PCI-X buses support two PCI-X expansion slot



PICMG 1.3 Backplane

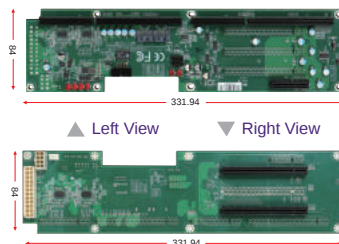
Dedicated for ROBO-8122VG2R Backplane



PBPE-04P

4-slot PCIe x16 (2, x16 signal),
PCIe x4 (1, x4 signal)

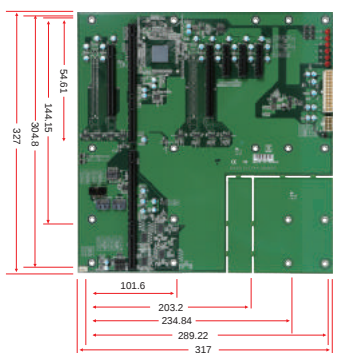
- Fit for 2U chassis
- Four USB ports
- Dual SATA ports
- One RJ45 port (w/o LAN LED)



PBPE-05P

5-slot PCIe x16 (1, x16 signal),
PCIe x8 (2, x8 signal), PCIe x4
(1, x4 signal)

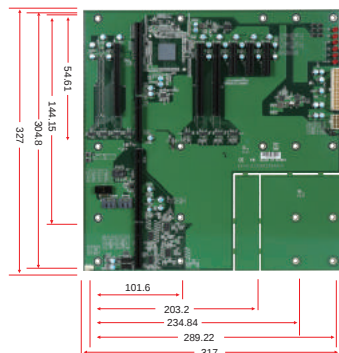
- Fit for 2U chassis
- Four USB ports
- Dual SATA ports
- One RJ45 port (w/o LAN LED)



PBPE-06A

6-slot PCIe x16 (2, x16 signal),
PCIe x4 (3, x4 signal)

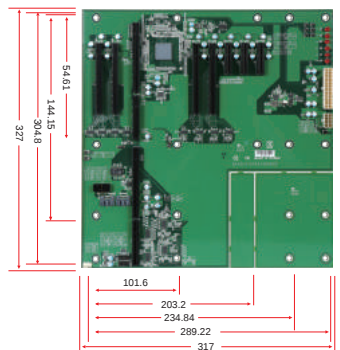
- Fit for 4U chassis
- Four USB ports
- Dual SATA ports
- One RJ45 port (w/o LAN LED)



PBPE-07A

7-slot PCIe x16 (1, x16 signal),
PCIe x8 (2, x8 signal), PCIe x4 (3,
x4 signal)

- Fit for 4U chassis
- Four USB ports
- Dual SATA ports
- One RJ45 port (w/o LAN LED)



PBPE-08A

8-slot PCIe x8 (4, x8 signal),
PCIe x4 (3, x4 signal)

- Fit for 4U chassis
- Four USB ports
- Dual SATA ports
- One RJ45 port (w/o LAN LED)