PICMG 1.0 Backplane

PICMG GENERAL DESCRIPTION

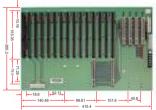
PICMG Backplanes in this section are Single Board Computers (SBCs) and Single Host Board (SHB) companions that feature expansion slots such as ISA, PCI, PCI-X or PCI Express interface. In addition, the backplane also features several power connectors that draw power from power supply to devices on it. Some LEDs are designed on board to indicate status of each power rail.

PICMG 1.0 supports both ISA & PCI. PICMG 1.2 supports dual PCI or PCI-X, and PICMG 1.3 supports PCI Express and PCI expansion. Some bridges or switches can be applied to the backplane to support more devices or different kinds of expansion interfaces. However, PICMG 1.0, 1.2, and 1.3 are not compatible with each other.

PICMG 1.0 BACKPLANE

Passive Backplane: Backplane that only support up to four PCI master

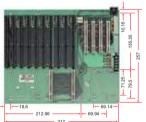
■ 32-bit PCI/16-bit ISA



PBP-19P4

19-slot (4x PCI) PICMG Backplane

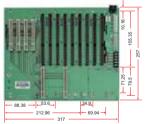
- Fit for 20-slot chassis
- ATX power connector support
- Sufficient ISA slots for CTI application



PRP-14P4

14-slot (4x PCI) PICMG Backplane

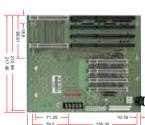
- Fit for 14-slot chassis
- ATX power connector support
- The most popular and reliable PICMG backplane



PBP-13R4

13-slot (4x PCI) PICMG Backplane

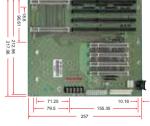
- Fit for 14-slot chassis
- Special design for full-length PCI cards
- ATX power connector support



PBP-08P4

8-slot (4x PCI) PICMG Backplane

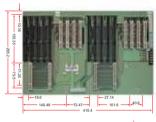
- Fit for node chassis and desktop case
- ATX power connector support



PBP-06P4

6-slot (4x PCI) PICMG Backplane

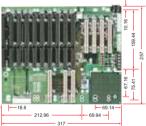
- Fit for node chassis
- ATX power connector support



PBP-18D4

18-slot Dual-system PICMG Backplane

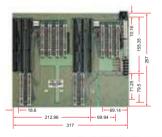
- Fit for 20-slot chassis
- Designed for fault-tolerant computing
- ATX power connector support



ACTI-14P4

14-slot (4x PCI) Active PICMG Backplane

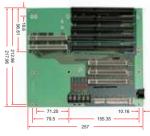
- Fit for 14-slot chassis
- 2.4 mm PCB thickness
- ATX power connector support



PBP-13D4

13-slot Dual-system PICMG Backplane

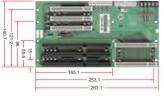
- Fit for 14-slot chassis
- Design for fault-tolerant computing
- ATX power connector support



PBP-08P3

8-slot (3x PCI) PICMG Backplane

- Fit for node chassis and desktop case

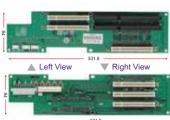


PBP-06P3

6-slot (3x PCI) PICMG Backplane

- Fit for node chassis
- ATX power connector support

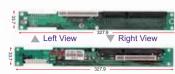
PICMG 1.0 Backplane



PBP-06V4

Vertical 6-slot (4x PCI) PICMG Backplane

- Fit for 2U chassis
- ATX and AT power connector support



PBP-02V1X

Vertical 2-slot (1x PCI) PICMG Backplane

- Fit for 1U chassis
- ATX power connector support

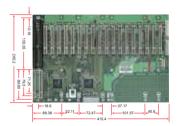


PBP-03P2X

Vertical 3-slot (2x PCI) PICMG Backplane

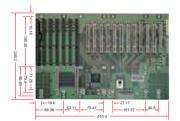
- Fit for Portwell's 1U chassis
- ATX power connector support

Active Backplane: Backplane that utilizes a bridge to support PCI master beyond four



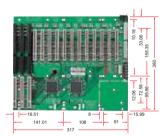
PBP-19AI

19-slot (18x PCI) Active PICMG Backplane



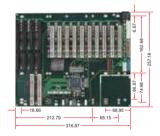
PBP-19AC

19-slot (12x PCI) Active PICMG Backplane



PBP-14AC-B

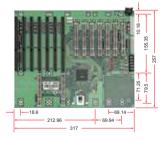
14-slot (12x PCI) Active PICMG Backplane



ACTI-14AA

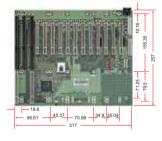
14-slot (10x PCI) Active PICMG Backplane

- Fit for 14-slot chassis
- 2.4 mm PCB thickness
- ATX power connector support



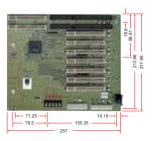
PBP-14A7

14-slot (7x PCI) Active PICMG Backplane



PBP-14AC

14-slot (12x PCI) Active PICMG Backplane



PBP-08A7

8-slot (7x PCI) Active PICMG Backplane