

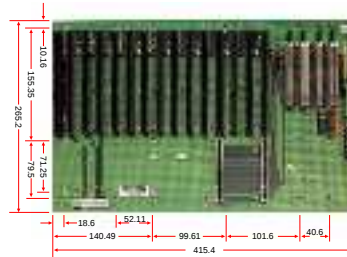
PICMG Backplane

PICMG General Description

- 4-layer PCB with ground and power planes to reduce noise and keep lower impedance
- Frame rated PCB at 94-V0
- Support ATX type and 3.3V power connector
- LED indicator for power signal status
- Reserve terminal block connector for wiring
- Equipped with gold-plated connector for better contact
- No PCB bent after soldering

PBP-19P4

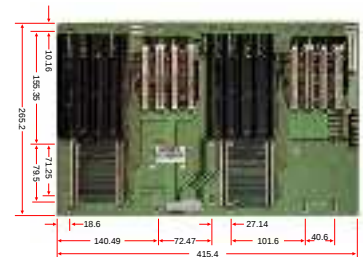
19-slot (4xPCI) PICMG backplane



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

PBP-18D4

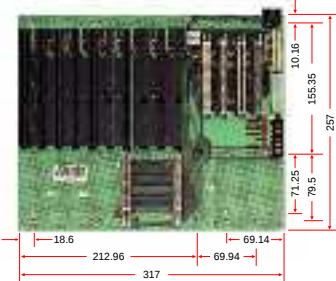
18-slot dual-system PICMG backplane



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

PBP-14P4

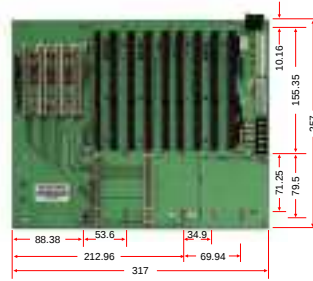
14-slot (4xPCI) PICMG backplane



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

PBP-13R4

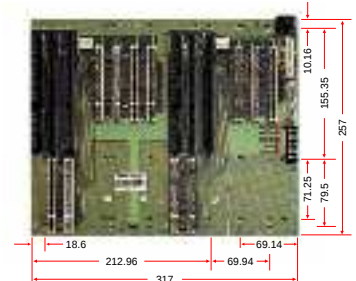
13-slot (4xPCI) PICMG backplane



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

PBP-13D4

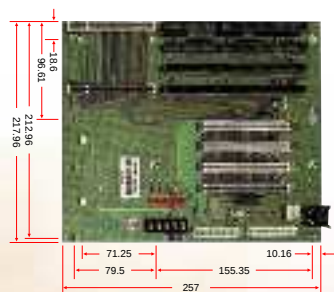
13-slot dual-system PICMG backplane



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

PBP-08P4

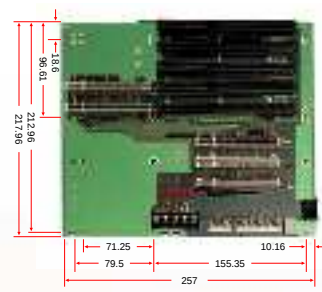
8-slot (4xPCI) PICMG backplane



Fit for any some node chassis and desktop case
ATX power connector support

PBP-08P3

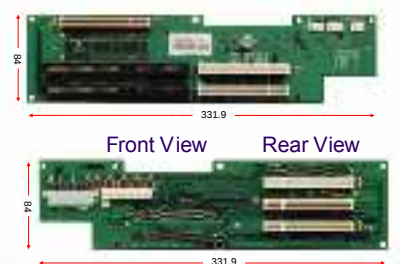
8-slot (3xPCI) PICMG backplane



Fit for any some node chassis and desktop case

PBP-06V4

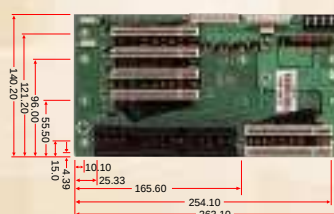
Vertical 6-slot (4xPCI) PICMG backplane



Fit for 2U chassis
AT and ATX power connector support

PBP-06P4

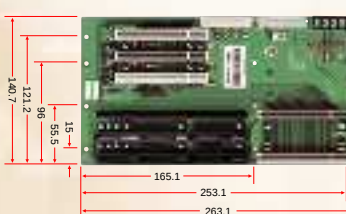
6-slot (4xPCI) PICMG backplane



Fit for any some node chassis
ATX power connector support

PBP-06P3

6-slot (3xPCI) PICMG backplane



Fit for any some node chassis
ATX power connector support

PBP-03P2

3-slot (2xPCI) PICMG backplane

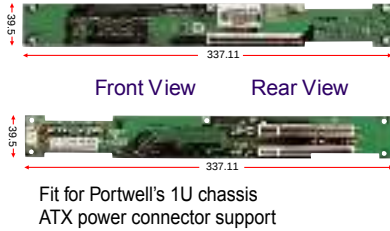


Fit for Portwell's 1U chassis
AT power connector support

PICMG Backplane

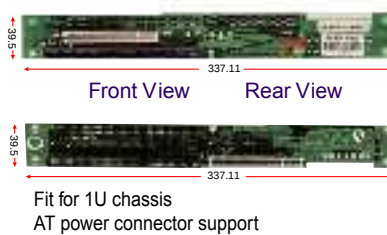
PBP-03P2X

3-slot (2xPCI) PICMG backplane



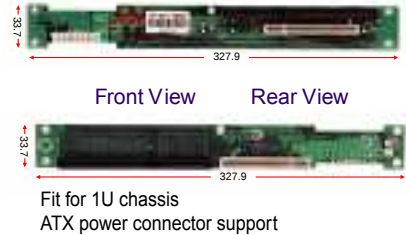
PBP-02V1

Vertical 2-slot (1xPCI) PICMG backplane



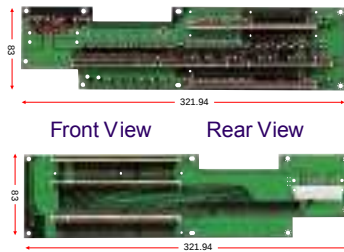
PBP-02V1X

Vertical 2-slot (1xPCI) PICMG backplane



PICMG 1.2 PBP-06V564

Vertical 6-slot (5xPCI-X) 64-bit PICMG 1.2 Backplane

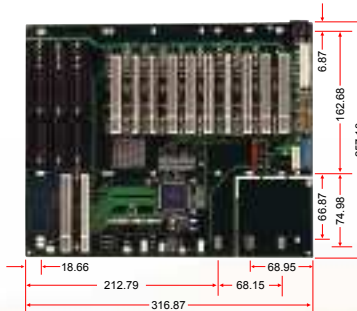


ACTI Common Feature

- 3rd generation design of ACTI-Backplane
- Enhanced PCB thickness to prevent bending
- Specially designed capacitor which lowers the ESR and prevents explosion
- Well-designed power ensures sufficient power is delivered to every slot

ACTI-14AA

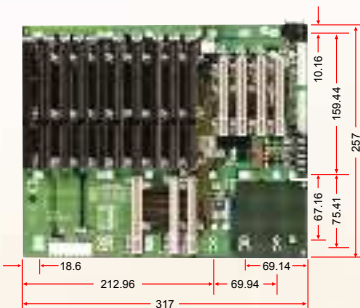
14-slot (10xPCI) active PICMG backplane



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

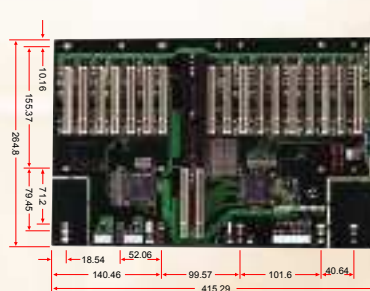
ACTI-14P4

14-slot (4xPCI) PICMG backplane



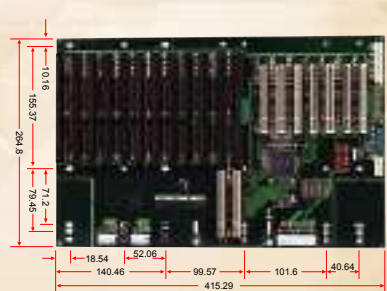
ACTI-18AH

18-slot (17xPCI) active PICMG backplane



ACTI-19A7

19-slot (7xPCI) active PICMG backplane



PICMG Backplane

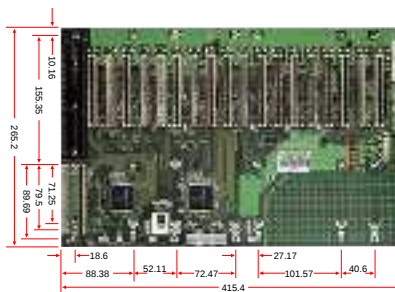
What's Active Backplane?

To support more PCI slots (such as 7, 12 and 18 slots), we adopt the most popular PCI bridge chipset from Intel to extend PCI slots. Traditional Backplanes only allow passive components to be put on the Backplanes. To meet this demand, we put the active chipset on the Backplanes. Therefore, they will be no

but "Active Backplanes".

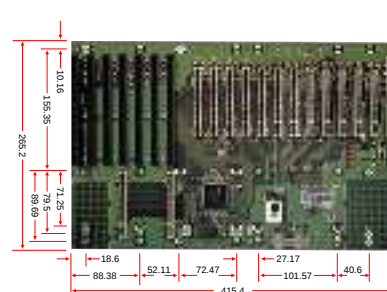
PBP-19AI

19-slot (18xPCI) active PICMG backplane



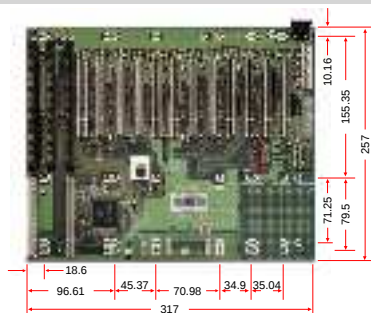
PBP-19AC

19-slot (12xPCI) active PICMG backplane



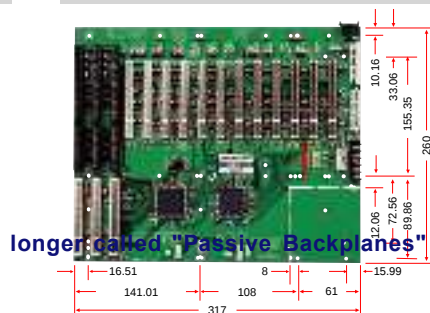
PBP-14AC

14-slot (12xPCI) active PICMG backplane



PBP-14AC-B

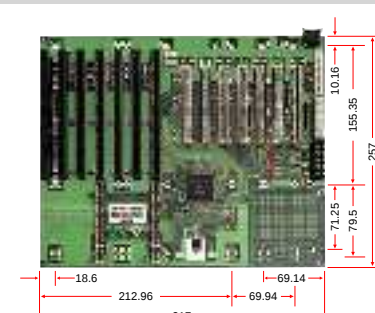
14-slot (12xPCI) active PICMG backplane



longer called "Passive Backplanes"

PBP-14A7

14-slot (7xPCI) active PICMG backplane



PBP-08A7

8-slot (7xPCI) active PICMG backplane



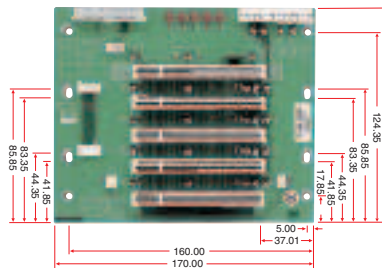
PCI & ISA Backplane

PCI General Description

- Compact size backplane for half sized PCI SBC
- PICMG 1.0 Rev 2.1 Compliant (PCI golden finger only)
- Support AT or ATX type power connector
- 4 layers PCB with power and ground planes to reduce power noise and keep lower impedance
- Frame rated PCB at 94-V0
- User friendly design supporting external K/B connector, power for chassis fan and power indicator

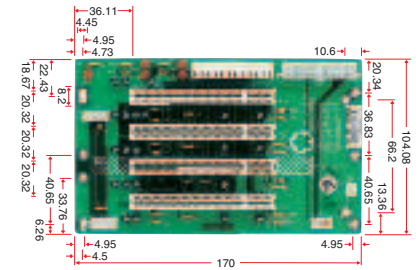
PBP-05P

5-slot passive PCI backplane



PBP-04P

4-slot passive PCI backplane



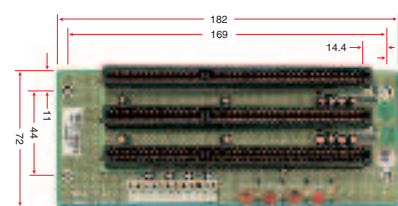
ISA General Description

- 4-layer PCB with ground and power planes for reducing noise and keeping lower impedance
- Frame Rated PCB at 94-V0
- LED power indicator for +5V, +12V, -5V and 12V
- Heavy duty terminal block connector for industrial power supply wiring(*)
- Equipped with gold-plated socket for good contact
- Easy cut for dual or multi system(*)
- Plug-in sockets of termination resistors for high speed signal. (*)

"" means for most part of products

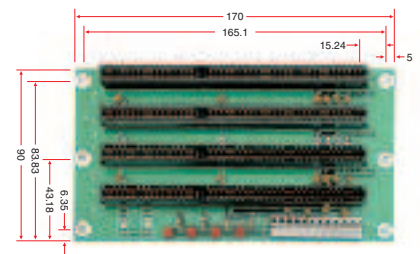
PBP-03I

3-slot passive ISA backplane



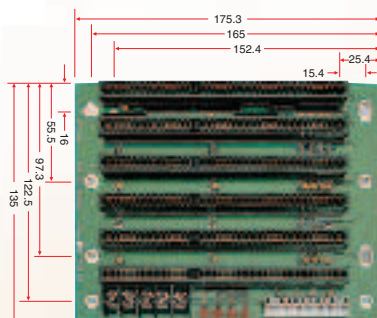
PBP-04I

4-slot passive ISA backplane



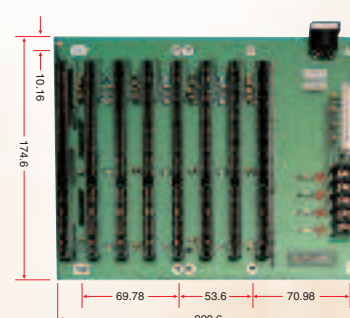
PBP-06I

6-slot passive ISA backplane



PBP-08I

8-slot passive ISA backplane



PBP-14I

14-slot passive ISA backplane

