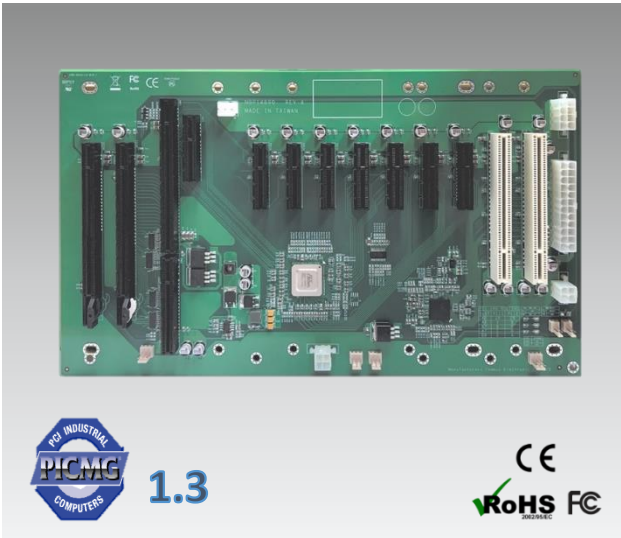


NBP14890

14 SLOT BACKPLANE FOR PICMG1.3 CPU BOARD
1 SHB SLOT, 2 PCIe16,7 PCIe4, 2 PCI



Main Features

- Greater powers delivery capability
- System host board and add-on card
- Follows PICMG 1.3 mount holes and compatible with 4U chassis
- Supports
 - 1 PCIe x16
 - (1 PCIe x16 or 2 PCIe x8 by auto detect),
 - 7 PCIe x4, 2 PCI
- Supports +12V, -12V, -5V, 3.3V power connector

Product Overview

The NBP14890 is a 14-slot backplane with 1 SHB slot, 1 PCIe x16, 7 PCIe x4, 2 PCI slot. It follows PICMG 1.3 platform specifications and supports ATX power supply.

Specifications

System Architecture

- 14-slot backplane

Slots

- 1 SHB slot,
- 1 PCIe x16, 7 PCIe x4, and 2 PCI

Power input

- 24 PIN ATX Power Connector
- 8 PIN ATX Standard Power Connector
- Support $\pm 12V$ 、 $-5V$ 、 $3.3V$ Power Connector

Dimension

- 316.9 x 181.1(mm)

Environment

- Board level operating temperatures: $0^{\circ}C$ to $60^{\circ}C$
- Storage temperatures: $-20^{\circ}C$ to $80^{\circ}C$
- 6-layer PCB to reduce noise and keep lower impedance

Relative humidity:

- 0% to 90% (operating, non-condensing)
- 0% to 95% (non-operating, non-condensing)

Certifications

- CE approval
- FCC Class A

Dimension Drawing

