NBP 1468

nexcobot
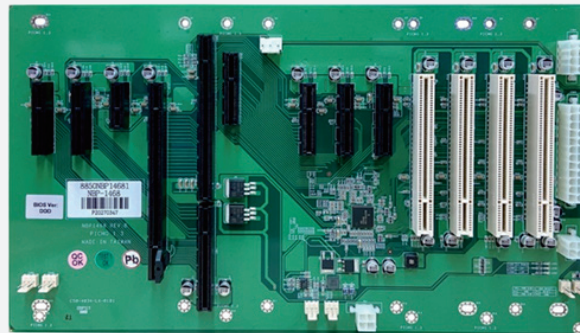
PICMG1.3 Half Size, 14 x Slots Backplane for 4U Chassis
with 1 x SHB Slot, 1 x PCIe x16, 5 x PCIe x4, 1 x PCIe x1, 4 x PCI

Main Features

- 14 x Slots
- 1 x PCIe x16
- 5 x PCIe x4
- 1 x PCIe x1
- 4 x PCI
- Dimension : 316.9 x 181.1(mm)

- Power connector supports:
  - 24-pin ATX power connector
  - 8-pin ATX standard power connector
- Support ±12V/5V/3.3V power connector

Product Overview

The NBP 1468 is a 14 x Slots backplane with 1 x SHB slot, 1 x PCIe x16, 5 x PCIe x4, 1 x PCIe x1 and 4 x PCI slots. It follows PICMG 1.3 platform specifications and supports ATX power supply.

Specifications

System Architecture
- 14-slot backplane

Slots
- 1 SHB slot
- 1 x PCIe x16, 5 x PCIe x4, 1 x PCIex1, 4 x PCI

Power Input
- 24-pin ATX power connector
- 8-pin ATX standard power connector
- Support ±12V/5V/3.3V power connector support +12V

Dimension
- 316.9 x 181.1(mm)

Environment
- Board level operating temperatures: 0°C to 60°C
- Storage temperatures: -20°C to 80°C
- 4-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

Ordering Information

- **NBP1468 (P/N: 79N0146801X00)**
  14 x Slots backplane for PICMG1.3 CPU board, 1 x SHB slot, 1 x PCIe x16, 5 x PCIe x4, 1 x PCIe x1, 4 x PCI

Compliance with PICMG1.3 CPU board

- **PEAK 980-Q (P/N: 10P00098000X0)**

- **PEAK 980-H (P/N: 10P00098001X0)**

Dimension Drawing