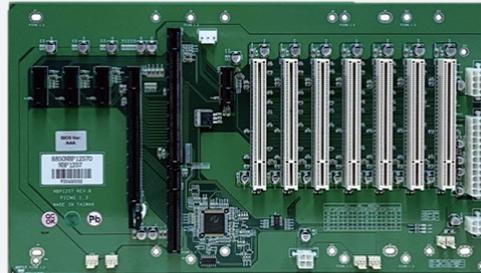


NBP 1257

PICMG1.3 Half Size, 14 x Slots Backplane for 4U Chassis
with 1 x SHB Slot, 1 x PCIe x16, 4 x PCIe x1, 7 x PCI



Main Features

- 14 x slots
- 1 x PCIe x16
- 4 x PCIe x4
- 7 x PCI
- Dimension : 316.9 x 181.1 (mm)
- Power connector supports:
 - 24-pin ATX power connector
 - 8-pin ATX standard power connector
- Support $\pm 12V/5V/3.3V$ power connector

Product Overview

The NBP 1257 is a 14 x slots backplane with 1 x SHB slot, 1 x PCIe x16, 4 x PCIe x1 and 7 x PCI slot. NBP 1257 follows PICMG 1.3 platform specifications and supports ATX power supply.

Specifications

System Architecture

- 14-slot backplane

Slots

- 1 x SHB slot,
- 1 x PCIe x16, 4 x PCIe x1, 7 PCI

Power Input

- 24-pin ATX power connector
- 8-pin ATX standard 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

- **NBP 1257 (P/N: 79N0125701X00)**
14 x slot backplane for PICMG1.3 CPU board, 1 x SHB slot, 1 x PCIe x16, 1 x PCIe x16, 7 x PCI

Compliance with PICMG1.3 CPU board

- **PEAK980-H (P/N: 10P00098001X0)**

Dimension Drawing

