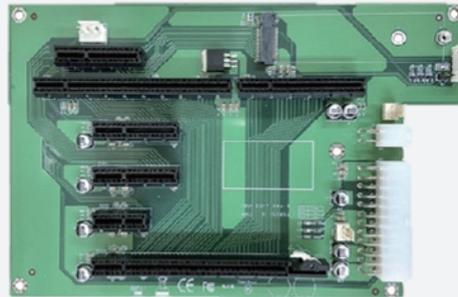


NBP 06E5

PICMG1.3 Half Size, 5 x Slots Backplane for 4U Chassis
with 1 x SHB Slot, 1 x PCIe x16, 2 x PCIe x4, 1 x PCIe x1



Main Features

- 5 x Slots
- 1 x PCIe x16
- 2 x PCIe x4
- 1 x PCIe x1
- Designed for 2U chassis
- Support four fan power, power signal status
- Dimension: 211 x 136 (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 06E5 is a 5 x Slots backplane which compatible with PEAK 980Q and PIC 688Q with 1 x SHB slot, 1 x PCIe x16, 2 x PCIe x4 and 1 x PCIe x1 slot. This backplane provides more PCI expansion options for compact rackmount chassis.

Specifications

System Architecture

- 5-slot backplane

Slot

- 1 x SHB slot
- 2 x PCIe x16, 2 x PCIe x4, 1 x PCI x1

Power Input

- 24-pin ATX power connector
- 8-pin ATX standard power connector support +12V

Dimension

- 211 x 136 (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 06E5 (P/N: 79N006E501X00)**
5 x Slots backplane for PICMG1.3 CPU board 1 x SHB slot, 1 x PCIe x16, 2 x PCIe x4, 1 x PCIe x1

Compliance with PICMG1.3 CPU board

- **PEAK 980-Q (P/N: 10P00098000X0)**
- **PEAK 980-H (P/N: 10P00098001X0)**

Dimension Drawing

