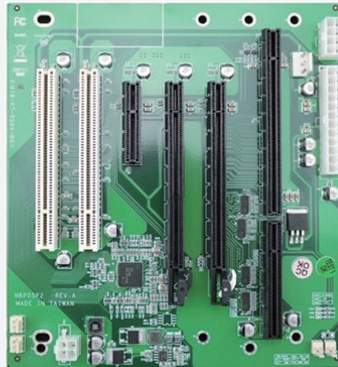


NBP 05P2

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



Main Features

- ◆ 5 x Slots
- ◆ 2 x PCIe x16
- ◆ 1 x PCIe x4
- ◆ 2 x PCI
- ◆ Dimension : 181 x 167 (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 05P2 is a 5 x Slots backplane with 1 x SHB slot, 2 x PCIe x16, 1 x PCIe x4 and 2 x PCI slots. And the PCIe x16 slot support 1 x PCIe x16 or 2 x PCIe x8 by auto detect, provide flexible expansion options. It follows PICMG 1.3 platform specifications and supports ATX power supply.

Specifications

System Architecture

- ◆ 5-slot backplane

Slot

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

I/O Interface

- ◆ 2 x SATA

Power Input

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

Dimension

- ◆ 181 x 167 (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

- ◆ **NBP05P2 (P/N: 79N0105201X00)**
5 x Slots backplane for PICMG1.3 CPU board, 1 x SHB slot, 2 x PCIe x16, 1 x PCIe x4, 2 x PCI

Compliance with PICMG1.3 CPU board

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

Dimension Drawing

