

# NBP 1052

PICMG1.3 Half Size, 10-x Slots Backplane for 4U Chassis  
with 1 x SHB Slot, 2 x PCIe x16, 3 x PCIe x4, 2 x PCI



## Main Features

- 10 x Slots
- 2 x PCIe x16
- 3 x PCIe x4
- 2 x PCI
- 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 1052 is a 10 x Slots backplane with 1 x SHB slot, 2 x PCIe x16, 3 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

- 10-slot backplane

### Slots

- 1 x SHB slot,
- 1 x PCIe x16, 3 x PCIe x4, 2 PCI

### Power Input

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

### Dimension

- 231x 181 (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 1052 (P/N: 79N0105201X00)**  
10 x Slots backplane for PICMG1.3 CPU board 1 x SHB slot, 2 x PCIe x16, 3 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

