



## Main Features

- Greater powers delivery capability
- System host board and add-on card
- Follows PICMG 1.3 mount holes and compatible with 4U chassis
- Supports :  
2 PCIe16 , 1 PCIe4 , 2 PCI
- Supports +12V, -12V, -5V, 3.3V power connector
- Compliance with PICMG1.3 CPU board : PIC688

## Product Overview

The NBP05P2 is a 5-slot backplane with 1 SHB slot, 2 PCIe16, 1 PCIe4 and 2 PCI slot. And the PCIe16 slot support 1 PCIe16 or 2 PCIe8 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

### Slots

- 1 SHB slot,
- 2 PCIe16 , 1 PCIe4 , 2 PCI

### Power input

- 24 PIN ATX Power Connector
- 8 PIN ATX Standard Power Connector Support  $\pm 12V$

### Dimension

- 181.10 x 166.99 (mm)

### Environment

- Board level operating temperatures: 0°C to 60°C
- Storage temperatures: -20°C to 80°C
- 6-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

- OE approval
- ECC Class A

## Dimension Drawing

