



### 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 x 167 (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

- CE approval
- FCC Class A

### Dimension Drawing

