



## 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 PCIe x16
  - (1 PCIe x16 or 2 PCIe x8 by auto detect),
  - 3 PCIe x4, 2 PCIe x1(by chipset)
- Supports +12V, -12V, -5V, 3.3V power connector

## Product Overview

The NBP107LM is a 10-slot backplane with 2 PCIe x16, 3 PCIe x4, 2 PCIe x1 slot. It follows PICMG 1.3 platform specifications and supports ATX power supply.

## Specifications

### System Architecture

- 10-slot backplane

### Slots

- 2 PCIe x16, 3 PCIe x4, and 2 PCIe x1

### Power input

- 24 PIN ATX Power Connector
- 8 PIN ATX Standard Power Connector
- 4 PIN ATX Standard Power Connector
- Support  $\pm 12V$ 、 $-5V$ 、 $3.3V$  Power Connector

### Dimension

- 228 x 331(mm)

### Environment

- Board level operating temperatures:  $0^{\circ}\text{C}$  to  $60^{\circ}\text{C}$
- Storage temperatures:  $-20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$
- 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

## Dimension Drawing

