

# NBP1465

14 SLOT BACKPLANE FOR PICMG1.3 CPU BOARD  
1 SHB SLOT ,1 PCIE X16 ,1 PCIE X8 , 3 PCIE X4,1 PCIE X1



## 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  
1 PCIe x16 ,1 PCIe x 8 , 3 PCIe x 4, 1 PCIe x1, 5 PCI
- Supports +12V, -12V, -5V, 3.3V power connector
- Compliance with PICMG1.3 CPU board : PIC688

## Product Overview

The NBP1465 is a 14-slot backplane with 1 SHB slot, 1 PCIe x16, 1 PCIe x 8, 3 PCIe x 4, 1 PCIe x1 and 5 PCI slot. And the PCIe x16 slot support 1 PCIe x16 or 2 PCIe x8 By auto detect, provide flexible expansion options. NBP1465 follows PICMG 1.3 platform specifications and supports ATX power supply.

## Specifications

### System Architecture

- 14-slot backplane

### Slots

- 1 SHB slot,
- 1 PCIe x16 ,1 PCIe x 8 , 3 PCIe x 4, 1 PCIe x1 and 5 PCI slot

### Power input

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

### Dimension

- 316.9 x 181.1(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

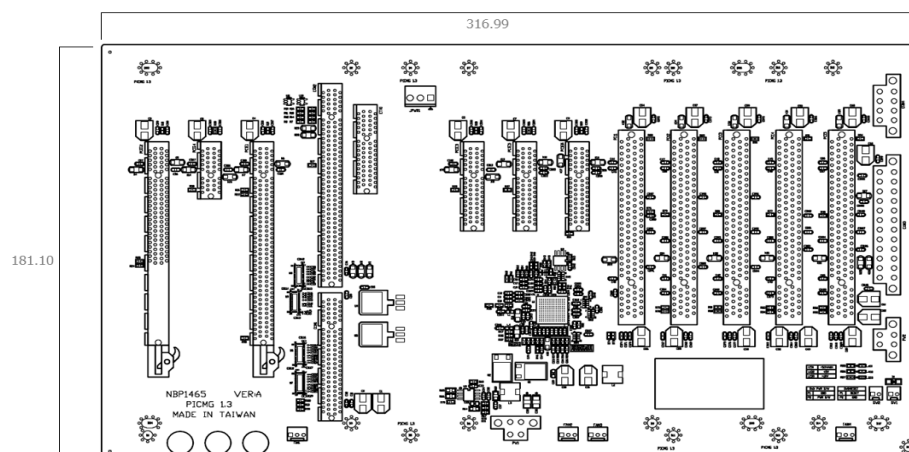
### Relative humidity:

- 0% to 90% (operating, non-condensing)
- 0% to 95% (non-operating, non-condensing)

### Certifications

- CE approval
- FCC Class A

## Dimension Drawing



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