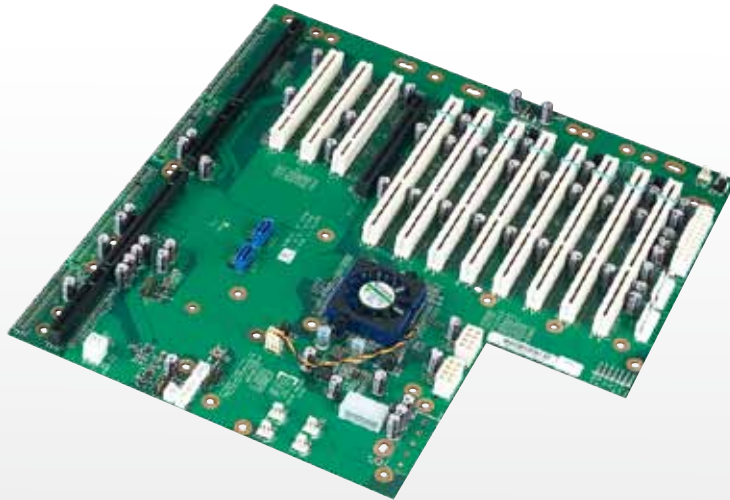


# NBP 14111

14-slot Backplane for 4U Chassis with 1 SHB Slot,  
3 x PCI Slots, 8 x PCI-X Slots, 1 x PCIe x16



## Main Features

- Greater Powers Delivery Capability, Supports High Performance System Host Board and Add-on Card
- Follows PICMG 1.3 Mount Holes and Compatible with GuangHsing's 4U Chassis
- Supports 8 x PCI-X 64-bit/66 MHz with Intel® PCI Express to PCI-X Bridge
- Supports ATX/BTX Power Supply
- Compliance with PEAK 870VL2, PEAK 872VL2 and PEAK 8920VL2

## Specifications

### System Architecture

- 14-slot backplane

### Dimensions

- 328mm (L) x 317mm (W) (12.91" x 12.48")

### Slots

- 1 x PICMG 1.3 (SHB slot)
- 3 x PCI 32bit/33Mhz
- 8 x PCI-X 64bit/66Mhz
- 1 x PCIe x16

### I/O Interface

- 4 x USB 2.0 with 2 x 9 pin-header
- 2 x SATA
- 1 x IPMI
- 1 x SMBUS
- 1 x Wake-up
- 6 x 3-pin FAN
- 1 x 6 pin JST NEXCOM Defined front I/O connector for Power LED Connector/Power Switch/Reset Button connector

### Power Input

- 1 x 24-pin power connector
- 2 x 8-pin 12V AUX power connector
- 2 x 6-pin 3.3V power connector for PCI-X add-on
- 1 x Terminal Block (Reserved by Manufacturing)

### Power Output

- 1 x 4-pins 12V AUX power connector to SBC/SHB
- 1 x 4-pins power connector for system fan

### Environment

- Operating temperature: 0°C to 60°C
- Storage temperature: -20°C to 80°C

- Relative humidity:  
Operating 10% to 90%, non-condensing  
Non-operating 5% to 95%, non-condensing

### Certifications

- CE approval
- FCC Class A

## Ordering Information

- **NBP 14111 (P/N: 10N01411100X0) RoHS Compliant**  
PICMG 1.3 14-slot backplane for 4U chassis w/ 1 SHB slot, 3 x PCI slots, 8 x PCI-X slots, 1 x PCIe x16

## Dimension Drawing

