

NBP14880

14 SLOT BACKPLANE FOR PICMG1.3 CPU BOARD
1 SHB SLOT , 2 PCIE16 ,5 PCIE4, 4 PCI



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 SHB Slot,
 - 2 PCIE x16 (1 PCIE16 or 2 PCIE8 By auto detect)
 - 5 PCIE x4,
 - 4 PCI
- Supports +12V, -12V, -5V, 3.3V power connector
- Compliance with PICMG1.3 SBC

Product Overview

The NBP14880 is a 14-slot backplane with 1 SHB slot 2 PCIE16 ,5 PCIE4, 4 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

- 14-slot backplane

Slots

- 1 SHB slot,
- 2 PCIE x 16 (support 1 PCIE16 or 2 PCIE x8)
- 5 PCIE x4
- 4 PCI

Power input

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

Dimension

- 317mm (L) x 328mm (W)

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)

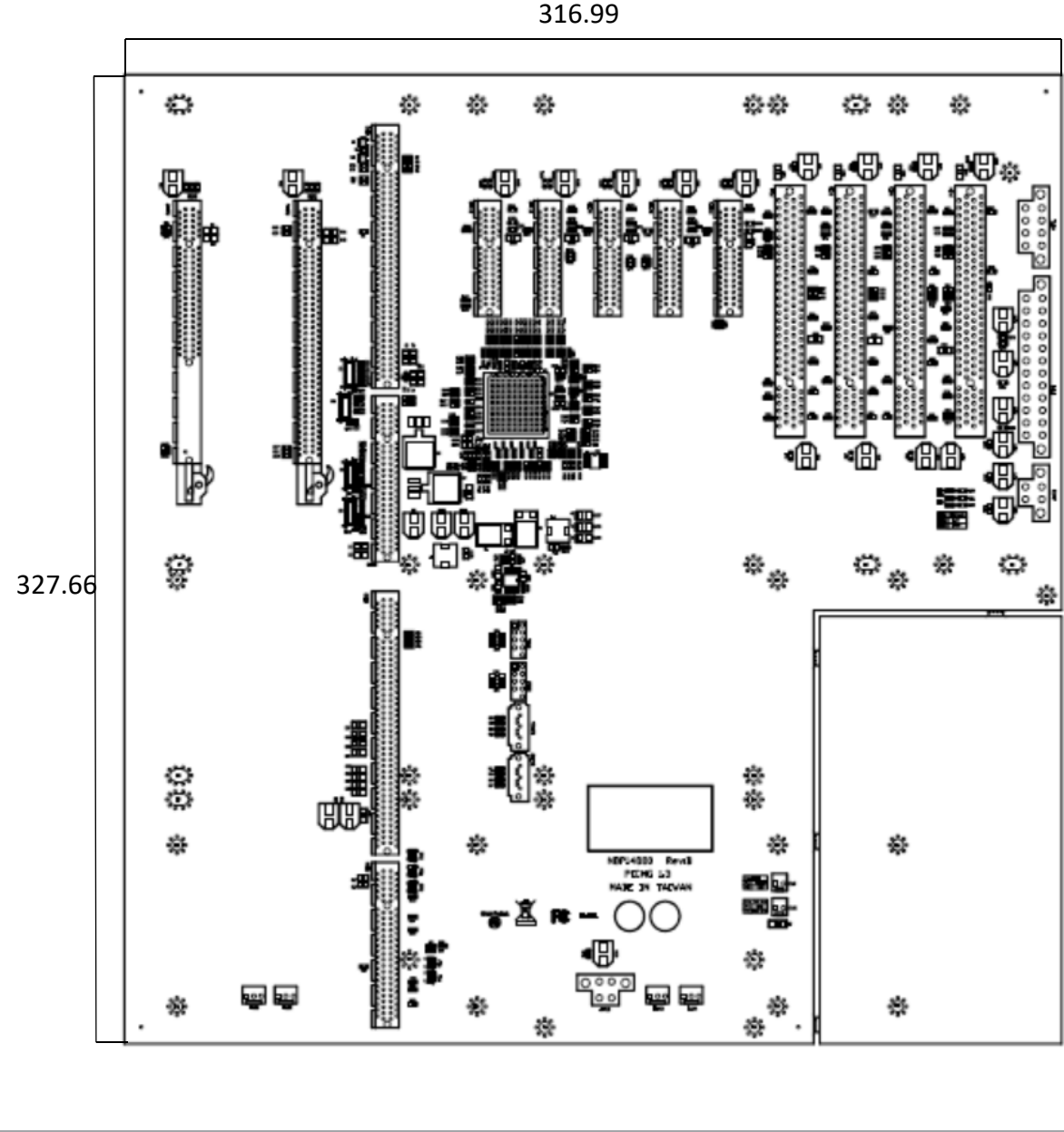
Certifications

- CE approval
- FCC Class A

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Dimension Drawing



Last Update: 11/6/2018