

PXI - Mainframes



Benefit from our advanced technology

The 14/18/21 slot PXI chassis offered by INES are the basis for integrating this key technology into your innovative products.

The high number of slots gives you the flexibility to implement even the most demanding and IO intense test and measurement applications using a single system. Make use of the high bandwidth of the PCI bus and the measurement features provided by PXI to gain advantage.

Of course, our PXI racks already support the 64bit extension of CompactPCI. 66MHz are being developed. To make sure that your current investments will be profitable for the future.

Industrial design is an important matter. All of the requirements of rough industrial environments have been considered during construction. The racks are EMC compliant, mechanically ruggedized, have a reliable cooling system and a robust power supply. Even under extreme conditions our systems works without any problems.

Test our flexibility

Our chassis are available in desktop or rackmount versions with different options for the power supply.

Technical Data

PXI Bus

- PXI Bus Rev. 2.0
- 64bit CompactPCI Bus Rev. 3.0
- 14, 18, 21 slots
- compliant with IEEE1101
- custom design on request

Power supply

- 400W open frame
- AC Input 85-264V
- 5V/35A, 3.3V/35A, +12V/10A, -12V/4A
- UL/SA/IEC/CE approval
- x 400W open frame optional
- DC Input (8..36V) optional
- Line connection at the rear side
- Supply indicators at the front

Dimensions

- 4HE x 84TE x 320mm (HxWxD)

Environment

- temperature: 0..50°C
- humidity: 0..95% non condensating
- altitude: -300m...3000m
- shock: 15g/0.33ms, 6g/6ms
- vibration: 1g/5...2000Hz

Cooling

- high quality fans
- air flow: 450m³/h typ.
- Life cycle: 70000h

Software

- Configuration tool for Windows NT[®]
- Windows NT[®] device driver
- LabView/CVI support
- Windows[®] 2000, LINUX, HP VEE in preparation

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