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Find the *Agilent / PXIT PX2000-514* at our website: *Click HERE*

System Platform

PXIT
PX Instrument Technology
Sensible Solutions

PXI System Platforms

PXIT has adopted a system approach to its PXI chassis design. This approach is geared towards providing integrators with a PXI Platform on which to build their PXI system. There are two basic platform types. The PX2000-514A provides a basic PXI System platform. The PX2000-514B provides an enhanced Test System.

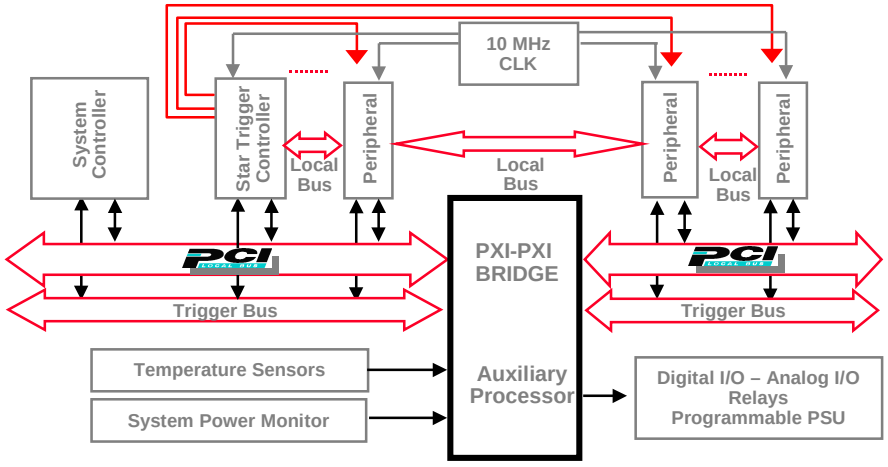
PX2000-514A System Platform

PX Instrument Technology's PX2000-514A is a 14 slot, 19" rack-mountable chassis, which fully compies with the PXI and Compact PCI standards. All slots have full PXI functionality. Separate forced-air cooling is provided for the power supply and PXI slots. Fan noise is minimised by varying fan speed according to system temperature. Standard features include temperature and PSU monitoring with full software support.

The expanded slot capability of the unit provides system integrators with a single-box solution, thus avoiding synchronisation, integration and cost issues associated with multi-platform solutions. With a compact case size of 4U / 19", the PX2000-514 series provides the small footprint required for today's ATE and Data Acquisition applications.

PX2000-514B Test System Platform

The PX2000-514B provides additional features such as programmable I/O, high power relays, power supply control and programmable PSU options to provide a highly versatile and cost effective test platform. Additional features such as a safety interlock connector makes the 514B an ideal test system platform.



CompactPCI



www.pxit.com
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Features

- 14 fully compliant PXI / CPCI slots
- Integral PCI/PXI Bridge with I/O control processor
- Full PXI functionality on all slots
- 19" Rack mount case / removable feet (4U)
- Separate forced air cooling for PSU and PXI slots
- Variable Speed Fans (PXI slots) minimise noise
- Temperature / PSU Monitoring
- Optional auxiliary I/O and user power supplies
- Optional internal Programmable Power Supplies

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Specifications

Backplane Configuration	1 Controller / MXI-3 Slot (16HP) 1 PXI / CompactPCI or Star Trigger Controller slot (4HP) 12 PXI / CompactPCI peripheral slots (4HP)	
System Power	Type	: 400 W auto sensing supply :
	Input	: 85-264V AC, 47-440 Hz or 120-350 V DC
	Outputs	: 5V DC @ 35A, 3.3V DC @ 35A +12V DC @ 10A, - 12V Dc @ 4A
Cooling .	PXI Slots	: 200 CFM - Thermistor controlled variable speed fans
	PSU Bay	: 25 CFM in-line fan.
System Monitoring	Temperature Monitoring of PSU and PXI slots. Voltage measurement of all system supplies.	
Dimensions	H x W x D	: 4U (7") **x** 19" **x** 16.54" 177.8 mm **x** 482.6 mm **x** 420 mm
Standards	PXI Spec Rev 2.0, IEC 61326, IEC 1010, EN50082-1, EN55011, EN61010	

Software

A full suite of application software is provided for all 514A and 514B chassis functions. Full support is provided for VISA®, LabView® and LabWindows/CVI®. Additional support is provided for Visual Basic, C and C++ through DLL's and example programs.

Order Codes

PX2000-514A	**Standard Specification PXI Platform.** 14 Slot Chassis, PSU and Temperature Monitor.
PX2000-514B	**PXI Test System Platform** *User Power Supply (with isolating relays) +5V @2A, +/- 12V @1A.* *4 x 12 Bit analog O/P's (0-10V), 8 opto-isolated DI & DO lines.* *8 x Relays, SPDT contacts, 100V, 2A. Safety Interlock connector.*
PX2000-514B-PPSU30	**PX2000-514B with Programmable Power Supply (PPSU) :** Internal *Dual 30V / 2A Supplies w / external sense, isolating relays.* *Voltage / Current programming & read-back*

PX Instrument Technology is a sponsor member of the PXI Systems Alliance. For more details please visit the Systems Alliance web site at ***WWW.PXISA.ORG***

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