

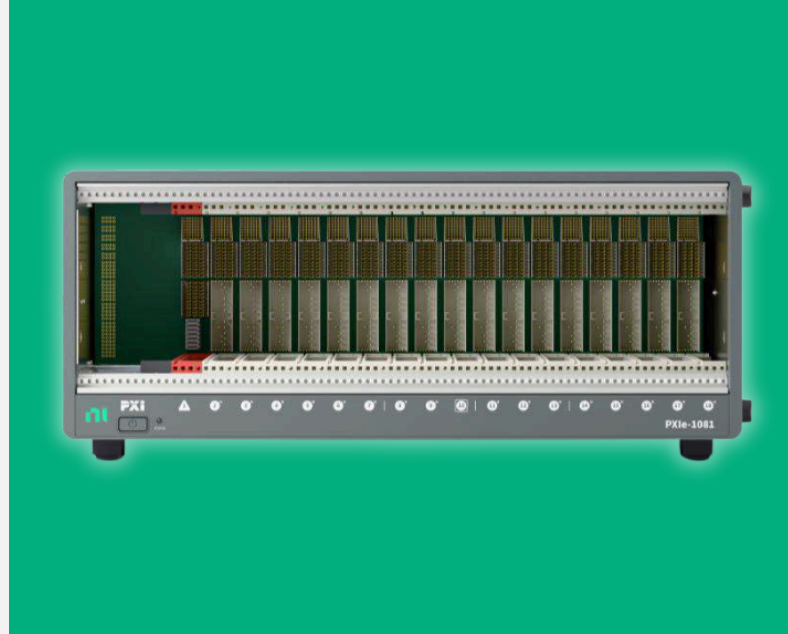
Cost-Effective PXI Platform Launch

NI PXIe-1081 Chassis

New 17-slot all hybrid chassis

- 17 Hybrid Slots
- Slot Cooling capacity: 58 W
- Maximum System Bandwidth: 2 GB/s
- Gen 1 PCIe Bandwidth: 250 MB/s

Optimized for Data Acquisition applications and instruments with low-throughput requirements such as DMMs, SMUs, and switch modules.



NI PXIe-8842 / PXIe-8862 Controllers

No GPIB Interface



11 New Variations without GPIB Connectivity of the PXIe-8842 and PXIe-8862 Embedded Controllers for Cost-Effective

High-Performance Processing with PXI:

- Operating System: Windows 10 LTSC (64-bit), Windows 11 LTSC, or LabVIEW Real-Time (NI Linux Real-Time).
- Security: Integrated with latest hardware-based security, TPM 2.0, which includes secure boot and device encryption.

PXIe-8842

- Maximum Controller Bandwidth: 8 GB/s
- Hard Drive Size: 512 GB
- CPU: 11th Gen Intel® Core™ i5-11500HE, 6 Core

PXIe-8862

- Maximum Controller Bandwidth: 16 GB/s
- Hard Drive Size: 512 GB (standard), 960 GB with Removable Drive (option)
- CPU: 11th Gen Intel® Core™ i7-11850HE, 8 Core



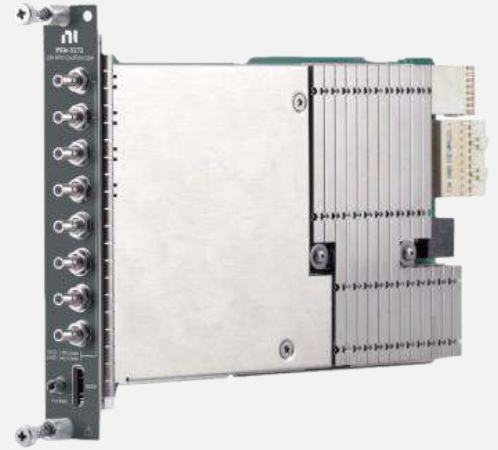
Cost-Effective PXI Platform Launch

NI PXIe-5108 Oscilloscope

4 and 8 Channels option, 14-bit resolution

- Bandwidth: 100 MHz
- Sample Rate: 250 MS/s
- Resolution: 14-bit
- Input Impedance: 50 Ω , 1 M Ω
- Input Range: 1 M Ω path: ± 40 V; 50 Ω path: ± 5 V

Covers a wide range of applications, from research to automated validation to high-volume production test.



InstrumentStudio

The go-to Software companion for PXI

InstrumentStudio™ provides an easy-to-use interface for managing multiple PXI instruments, regardless of type, within a single workspace. This enables engineers to streamline test setup, ensure consistent measurement correlation, and accelerate system-level debugging workflows.

HEADQUARTERS

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