



NI's Power Performance Validation Reference Solution

Data Acquisition, Datalogging, and Control

Reliable data acquisition and control solutions for:

- Measure and acquire data with modular, high-accuracy instrumentation.
- Customize and automate with flexible automation and programming environments.
- Quickly analyze, visualize, and log measurement data via [InstrumentStudio™](#), [TestStand™](#), and [FlexLogger](#).

Accelerate Semiconductor and Electronics Power Performance Validation With Off-The Shelf CompactDAQ Bundle

NI's Power Performance Validation solution for semiconductors and electronics streamlines evaluation, shortening the time to identify and resolve bugs. With a user-friendly interface, enhanced data management, and real-time visualization, it accelerates your path to market.

Additionally power performance validation solution enables:

- Interactive instrument interface [FlexLogger](#) power analysis
- Custom interface via [LabVIEW](#), Python and or C# using Nis APIs
- Quickly setup, visualize, debug, and log measurement data
- Simultaneous sampling and synchronized measurements



NI's Power Performance Validation Reference Solution

NI's Power Performance Validation reference CompactDAQ solution provides an easy-to-use modular, accurate, and scalable system that helps shorten evaluation times.

Option Name	Part Number	Description
Base Configuration	866574-08B	8 SLOT SYSTEM ¹ WITH USB REMOTE CONTROLLER, 16 VOLTAGE ANALOG INPUT CHANNELS, 7 UNUSED SLOTS.
Additional 16 Channels Option	866574-16P	16 VOLTAGE ANALOG INPUT CHANNELS, OPTION (DAQ NI-9220)
Accessories	Contact NI	Power Cord (by region)
	784584-35	LABVIEW PROFESSIONAL (CUSTOM WORKFLOWS)
	785748-3501	FlexLogger
	788372-35	TESTSTAND (AUTOMATION SEQUENCER)
	InstrumentStudio	INSTRUMENTSTUDIO (INTERACTIVE INTERFACE)
	960680-301	STANDARD SERVICE PROGRAM FOR PXI SYSTEMS FOR 3 YEARS
	788556-35	Power Validation Add-On for InstrumentStudio

¹ See Specifications Documents cDAQ-9178 and NI-9220 for more details.



Configurations to Enable Quicker Time to Market

Configurations options are great for testing power consumption of processors (e.g., CPU, GPU, IPU, VPU, etc.), FPGAs, power components, printed circuit assembly boards, ICs, enclosed systems, SoCs, MCUs, etc.



LabVIEW

Make sure to add LabVIEW to your cart along with the PXI bundle before checkout.

