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Find the *National Instruments PCI-6221* at our website: *Click HERE*

NI PCI-6221 (37-Pin)

16-Bit, 250 kS/s, 16 Analog Inputs with 37-Pin D-Sub



[+] Enlarge Picture

View Data Sheet (http://sine.ni.com/ds/app/doc/p/id/ds-15/lang/en)

- Two 16-bit analog outputs (833 kS/s)
- 10 digital I/O lines; 32-bit counters; digital triggering
- Correlated DIO (2 clocked lines, 1 MHz)
- 37-pin D-Sub connector to reduce connectivty costs by 80%
- Select high-speed M Series for 5X faster sampling rates or high-accuracy M Series for 4X resolution.
- NI-DAQmx driver software and NI LabVIEW SignalExpress interactive data-logging software

View Support Resources (http://sine.ni.com/psp/app/doc/p/id/psp-46/lang/en)

Overview

The National Instruments PCI-6221 (37-Pin) DAQ board offers a cost-efficient solution for OEM customers because of its 37-pin D-Sub I/O connector. The D-Sub connector provides compatibility with other standard D-Sub accessories, including low-cost direct-mount terminal blocks such as the NI CB-37F-LP. For applications requiring higher speeds and increased accuracy, consider the high-speed M Series for 5X faster sampling rates and the high-accuracy M Series for 4X better resolution.

Low-cost M Series devices incorporate advanced features such as the NI-STC 2 system controller, NI-PGIA 2 programmable amplifier, and NI-MCal calibration technology to increase performance and accuracy. To learn more about M Series technologies, device specifications, and information on recommended cables and accessories, please refer to the data sheet and specifications.

Driver Software
M Series devices work with multiple operating systems using three driver software options including NI-DAQmx, NI-DAQmx Base, and the Measurement Hardware DDK. Browse the information in the Resources tab to learn more about driver software or download a driver. M Series devices are not compatible with the Traditional NI-DAQ (Legacy) driver.

Application Software
Every M Series data acquisition device includes a copy of NI LabVIEW SignalExpress so you can quickly acquire, analyze, and present data without programming. In addition to LabVIEW SignalExpress, M Series data acquisition devices are compatible with the following versions (or later) of NI application software – LabVIEW 7.x, LabWindows™/CVI 7.x, or Measurement Studio 7.x; or LabVIEW with the LabVIEW Real-Time Module 7.1. M Series data acquisition devices are also compatible with Visual Studio .NET, C/C++, and Visual Basic 6.

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