



Technical Sales
United States
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NI USB-6366 OEM

X Series Data Acquisition

- 8 simultaneous analog inputs at 2 MS/s/ch with 16-bit resolution; 16 MS/s total AI throughput
- 2 analog outputs, 3.33 MS/s, 16-bit resolution, ± 10 V
- 24 digital I/O lines (8 hardware-timed up to 1 MHz); four 32-bit counter/timers
- Generic 34- and 50-pin connectors for easy integration
- Advanced timing and triggering with NI-STC3 timing and synchronization technology
- Quantity discounts available; call for pricing.



Overview

NI X Series multifunction DAQ devices for USB provide a new level of performance, with NI-STC3 timing and synchronization technology and NI Signal Streaming for high performance over USB. The NI USB-6366 OEM includes deep onboard memory (64 MS) to ensure finite acquisitions, even with competing USB traffic.

These OEM devices offer a board-only form factor intended for high-volume, embedded applications. With the standard 34-pin and 50-pin IDC connectors, you can easily connect them to a daughter board containing custom signal conditioning and connectivity.

NI-STC3 Technology

NI-STC3 timing and synchronization technology delivers advanced timing features, including independent analog and digital timing engines, retriggerable measurement tasks, and four counter/timers with more functionality than ever before.

NI Signal Streaming

USB X Series devices offer patented NI Signal Streaming, a technology that uses message-based instructions and device-side intelligence to ensure high-speed, bidirectional data transfer over USB. With USB X Series, you can concurrently transfer analog, digital, and counter data in both directions.

Data Acquisition Software

X Series devices include multithreaded NI-DAQmx driver software, which is compatible with the following versions (and later) of NI application software: LabVIEW 8.6, LabWindows™/CVI 8.5, Measurement Studio 8.5, and LabVIEW SignalExpress 2.5. X Series devices are also compatible with ANSI C/C++ and Microsoft Visual Studio .NET. NI-DAQmx includes hundreds of shipping examples to help you get started quickly with your application.

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Pricing

Part Number	Description	Est Ship	US Dollars*	Qty

782262-01	NI USB-6366, OEM X Series DAQ Device (Board Only Kit)	5 - 10	\$ 4,450.00	0
780534-01	USB cable with locking screw, 2 m	5 - 10	\$ 30.00	0
781513-01	Universal power supply w/mini-combicon connector, 12 VDC, 2.5 A	5 - 10	\$ 57.00	0
763000-01	Power Cord, AC, U.S., 120 VAC, 2.3 meters	10 - 15	\$ 9.00	0
763068-01	Power Cord, 240V, 10A, North American	5 - 10	\$ 20.00	0

* You have selected the United States as the country where you will use the product(s). Pricing may have changed since you printed this document on 06/12/2013. Please visit ni.com to see current pricing.

Place Order or Obtain Quote

Order Online or by Fax

- 1 . Navigate to ni.com/products and select "Order by Part Number" found under the "Business Center" section.
- 2 . Once you have added your items to your cart, see the "Your Cart Options" section to place your order, obtain a quote, or print a fax form.

Order by Phone

Call (866) 531-6285 to place your order or obtain a quote.

Resources

Additional Product Information

- [Manuals \(7\)](#)
- [Dimensional Drawings](#)

Related Information

- [Learn More About NI-STC3 Timing and Synchronization Technology](#)
- [Explore NI Signal Streaming Technology](#)