Requirements and Compatibility
For user manuals and dimensional drawings, visit the product page resources tab on ni.com.

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NI LabVIEW RIO Evaluation Kit

- Board-level NI reconfigurable I/O (RIO) evaluation device
- Hardware configuration wizard

- 90-day extended evaluation of LabVIEW, LabVIEW FPGA Module, and LabVIEW Real-Time Module
- Evaluation daughter board for easy I/O interfacing

Requirements and Compatibility

OS Information

- Windows

Driver Information

- NI-RIO

Software Compatibility

- LabVIEW
- LabVIEW FPGA Module
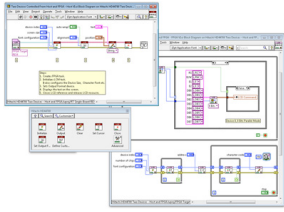- LabVIEW Real-Time Module

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Comparison Tables

Features	Additional information
Function generator (square, sine, triangle)	0 to 1 kHz, 0 to 10 kHz, or 0 to 100 kHz output frequency range
Hitachi HD44780 LCD character display	Programmed using a free LabVIEW driver
Quadrature encoder	24 cycles/rev
Potentiometer	100K linear
6 user-programmable LEDs	
Centigrade temperature sensor	
6 analog inputs and 2 analog outputs	
5 push buttons	
4 digital I/O lines	

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Software Recommendations

LCD Character Display Driver

- Works with single-chip modules up to 4x20 or cascaded to 4x40 characters
- NI LabVIEW FPGA and LabVIEW Real-Time API provided
- Requires LabVIEW FPGA-enabled target with 8 or 12 digital I/O lines
- Scalable implementation for 1 or more displays connected in parallel

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Compatibility with both 4- and 8-bit data bus displays
- Supported in LabVIEW 2010 and later

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Support and Services

Technical Support

Get answers to your technical questions using the following National Instruments resources.

- **Support** - Visit ni.com/support to access the NI KnowledgeBase, example programs, and tutorials or to contact our applications engineers who are located in NI sales offices around the world and speak the local language.
- **Discussion Forums** - Visit forums.ni.com for a diverse set of discussion boards on topics you care about.
- **Online Community** - Visit community.ni.com to find, contribute, or collaborate on customer-contributed technical content with users like you.

Repair

While you may never need your hardware repaired, NI understands that unexpected events may lead to necessary repairs. NI offers repair services performed by highly trained technicians who quickly return your device with the guarantee that it will perform to factory specifications. For more information, visit ni.com/repair.

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