

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

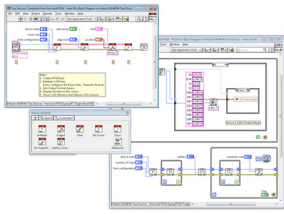
Features	Additional information
Function generator (square, sine, triangle)	0 to 1 kHz, 0 to 10 kHz, or 0 to 100 kHz output frequency range
Hitachi HD44780 LCD character display	Programmed using a free LabVIEW driver
Quadrature encoder	24 cycles/rev
Potentiometer	100K linear
6 user-programmable LEDs	
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



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

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