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Find the *National Instruments cRIO-9112* at our website: ***Click HERE***

Technical Sales
United States
(866) 531-6285
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NI cRIO-9114

8-Slot, Virtex-5 LX50 CompactRIO Reconfigurable Chassis

- 8-slot reconfigurable embedded chassis that accepts any CompactRIO I/O module
- Xilinx Virtex-5 reconfigurable I/O (RIO) FPGA core for ultimate processing power
- Ability to automatically synthesize custom control and signal processing circuitry using LabVIEW
- DIN-rail mounting options
- -40 to 70 °C operating range



Overview

The NI cRIO-9114 eight-slot, reconfigurable embedded chassis is part of the CompactRIO high-performance programmable automation controller (PAC) platform. It features a user-programmable Xilinx Virtex-5 FPGA, giving you high processing power and the ability to design custom hardware using NI LabVIEW software. The cRIO-9114 provides low-level hardware access to any NI CompactRIO I/O module, so you can create unprecedented timing, triggering, control, and synchronization schemes for embedded and industrial applications.

Panel mounting holes are included in all CompactRIO chassis. For DIN-rail or panel mounting options, you can purchase a CompactRIO mounting kit separately.

Specifications

Specifications Documents

- Specifications
- Data Sheet

Specifications Summary

General	
Product Name	cRIO-9114
Form Factor	CompactRIO
Product Type	Chassis
Part Number	780918-01
Operating System/Target	FPGA
LabVIEW RT Support	Yes

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CE Compliance	Yes
Reconfigurable FPGA	
FPGA	LX 50
Specific FPGA	Virtex-5 LX50
Chassis	
Number of Slots	8
Integrated Controller	No
Power Consumption	3.3 W
Physical Specifications	
Length	274 mm
Width	88.1 mm
Height	93.1 mm
Weight	880 gram
Minimum Operating Temperature	-40 °C
Maximum Operating Temperature	70 °C
Maximum Altitude	2000 m

Pricing

Part Number	Description	Est Ship	US Dollars*	Qty
780918-01	cRIO-9114, 8-slot Virtex-5 LX 50 Reconfigurable Chassis for cRIO	1 - 2	$ 2,299.00	0
196917-01	NI 9977 C Series Filler Module for Empty Slot	5 - 10	$ 31.00	0
779473-01	NI 9901 Desktop Mounting Kit	5 - 10	$ 52.00	0
779558-01	NI 9905 Horizontal Panel Mounting Kit for 8-slot Chassis	5 - 10	$ 31.00	0
779018-01	NI 9915 DIN Rail Kit for 8-slot Chassis	5 - 10	$ 31.00	0
779102-01	NI 9910 Industrial Sliding Rack Mounting Kit for cRIO/cDAQ	5 - 10	$ 149.00	0
779454-01	NI 9917 Industrial Enclosure, solid door, w/panel	5 - 10	$ 265.00	0
779455-01	NI 9918 Industrial Enclosure, windowed door, w/panel	5 - 10	$ 425.00	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 04/19/2013. Please visit *ni.com* to see current pricing.

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

Resources

Additional Product Information

- Manuals (5)
- Dimensional Drawings (3)
- Product Certifications

Related Information

- Configure Your Complete CompactRIO System
- Find Example CompactRIO Programs and Other Developer Tools

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