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Technical Sales
United States
(866) 531-6285
info@ni.com

NI FP-DIO-550

16-Channel Digital Input/Output Module for NI FieldPoint

- This product is obsolete. For new designs, NI recommends CompactRIO.
- 8 sourcing outputs, 10 to 30 VDC, 250 mA per channel
- 8 sinking/sourcing inputs, 11 to 30 VDC
- 7 mA current-limited input protection
- -40 to 70 °C operating range
- Output short-circuit protection



Overview

Important Note: This product is obsolete. For new designs, National Instruments recommends CompactRIO.

Specifications

Specifications Summary

Sorry, this content is temporarily unavailable.

Services

Extended Warranties

National Instruments designs and manufactures all products to minimize failures, however unexpected failures can still occur. Extended warranties provide a fixed economical price at the time of system purchase, covering any repair costs for up to three years. In addition, they offer the following benefits:

- Significant cost savings compared to individual repair incidents
- Fault location, diagnostics, and repair by NI any time the system product fails
- All parts and labor costs covered as well as any adjustments needed to restore the hardware to manufacturing specifications

For more information about your warranty options:

- Learn More About Warranty Services [<http://www.ni.com/services/warranty.htm>]
- Talk to an Expert About Extended Warranties [[javascript:openCallMeWindowCTA\(document.referrer,%20'US'\)](javascript:openCallMeWindowCTA(document.referrer,%20'US'))]
- View Warranty Repair Policies [http://www.ni.com/services/warranty_repair_policies.htm]

Calibration

NI recognizes the need to maintain properly calibrated devices for high-accuracy measurements. NI provides manual calibration procedures, services to recalibrate your products, and automated calibration

software to calibrate many NI measurement products.

- [Learn More About Calibration Services \[http://www.ni.com/services/calibration.htm\]](http://www.ni.com/services/calibration.htm)

Training

NI training is the fastest, most certain route to productivity with NI tools and successful application development.

- [Learn More About NI Training and Certification \[http://www.ni.com/training/\]](http://www.ni.com/training/)
- [Find a Course Near You and View Schedules \[http://sine.ni.com/tacs/app/fp/p/ap/ov/pg/1/\]](http://sine.ni.com/tacs/app/fp/p/ap/ov/pg/1/)

Repair Services

Return your registered product under warranty at no additional labor and parts cost. NI offers fault location, diagnostics, and repair any time the system fails as well as any adjustments needed to restore the hardware to manufacturing specifications.

- [Learn More About Repair Services \[http://www.ni.com/services/warranty.htm\]](http://www.ni.com/services/warranty.htm)
- [Contact NI to obtain a Return Material Authorization \(RMA\) form and shipping instructions. \[http://sine.ni.com/apps/utf8/nicc.call_me\]](http://sine.ni.com/apps/utf8/nicc.call_me)
- [View your RMA support request status online. \[https://sine.ni.com/srm/app/myServiceRequests\]](https://sine.ni.com/srm/app/myServiceRequests)
- [Register your product \[http://www.ni.com/register\]](http://www.ni.com/register) .

Technical Support

[ni.com/support \[http://www.ni.com/support/\]](http://www.ni.com/support)

Resources

Additional Product Information

- [Product Certifications](#)

Related Information

- [NI CompactRIO](#)

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