

# INSTALLATION NOTES

# NI PCI-5153EX

## with Hardware Accumulation Firmware (FW06)

The National Instruments PCI-5153EX is a version of the NI PCI-5153 that has a higher capacity FPGA. The larger FPGA enables the NI PCI-5153EX to implement more onboard signal processing. The Hardware Accumulation Firmware (FW06) image is a set of code that can be downloaded to the NI PCI-5153EX FPGA to add hardware accumulation functionality to the device.

## Installing and Using the NI PCI-5153EX

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1. Install NI-SCOPE 3.6 or later driver software and the NI PCI-5153EX module as described in the *NI High-Speed Digitizers Getting Started Guide*.
2. Download the NI PCI-5153EX supplemental software from one of the following locations:
  - <http://digital.ni.com/express.nsf/bycode/exa2bx>
  - [ni.com/info](http://ni.com/info), enter info code exa2bx
3. Install the NI PCI-5153EX supplemental software. Refer to the `readme.txt` file in the root directory of the supplemental software image. The `readme.txt` file also has instructions and example programs describing how to use the onboard signal processing functions.

The software download includes the following documentation in PDF format:

- *NI PCI-5153EX User Guide*
- *NI PCI-5153EX Specifications Supplement*

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