

# PXI - 8511



National Instruments PXI-8511/2/3 Series PXI CAN Interface Modules enables a PXI Chassis to connect to and communicate on a Controller Area Network (CAN) bus. PXI CAN Interface Modules communicate using onboard transceivers for High-Speed/Flexible Data-Rate, Low-Speed/Fault Tolerant, and/or Single Wire CAN as well as any external transceiver. Using the NI-XNET driver, you can create applications that require real-time, high-speed manipulation of hundreds of CAN frames and signals. You can also import, edit, and use signals from FIBEX and DBC files in integrated CAN databases. The NI-XNET device-driven DMA engine enables the onboard processor to move CAN frames and signals between the interface and the user program without CPU interrupts, minimizing message latency and freeing host processor time.

## Features

- » Import, Edit, and Use Signals from FIBEX and DBC Files in Integrated CAN Databases
- » Real Time, High Speed Manipulation
- » NI-XNET Device-Driven DMA engine
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