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NI ENET-232/2

2-Port Ethernet Interface for RS232

- 10/100BaseT Ethernet input
- Ports appear on screen as standard PC serial ports
- Handles RTS/CTS hardware handshake lines
- Works with Linux® and Solaris through NI-VISA
- Compatible with Windows Vista x32/XP/2000
- LabVIEW Real-Time compatibility for deterministic control

Overview

The National Instruments Ethernet serial interfaces provide additional RS232, RS422, and RS485 ports to your computer through standard Ethernet networks. The Ethernet serial interfaces connect to either 100BaseTX (100 MB/s) or 10BaseT (10 Mb/s) Ethernet networks and provide asynchronous serial ports. The NI-SDS driver software detects and installs the Ethernet serial interfaces, making the Ethernet layer completely transparent; the additional serial ports are accessible and programmed exactly as the native serial ports on your computer. The Ethernet serial interfaces are available in 2 and 4-port versions. The NI ENET-232/2 is a 2-port, RS232 serial interface. All National Instruments serial interfaces are shipped with NI-SDS driver software, which provides high-level functions for rapid application development. You can install and use the NI Ethernet serial interfaces as standard serial ports for your existing applications or with applications written with NI-VISA.Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

Specifications

Specifications Documents

Specifications (2)

Specifications Summary

General

Product Name	NI ENET-232/2
Product Family	Serial
Form Factor	Ethernet
Part Number	778064-62 , 778064-52 , 778064-42 , 778064-72 , 778064-02 , 778064-32 , 778064-22
Operating System/Target	Linux , Windows
LabVIEW RT Support	Yes

Voltage	9 VDC
Current	600 mA
Source	Externally Powered
Serial Standard Compatibility	RS-232
Ethernet Compatibility	100BaseT , 10BaseT
Port Information	
Number of Ports	2
Max Cable Length	15.6 m
I/O FIFO Buffer Size	128 B
Max Device Connections / Port	1
Handles RTS/CTS Handshake Lines	Yes
Direct Memory Access (DMA)	No
Physical Specifications	
Length	21 cm
Width	12.4 cm
Height	3.7 cm
I/O Connector	9-pin D-Sub (DB-9)
Minimum Operating Temperature	0 °C
Maximum Operating Temperature	65 °C

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