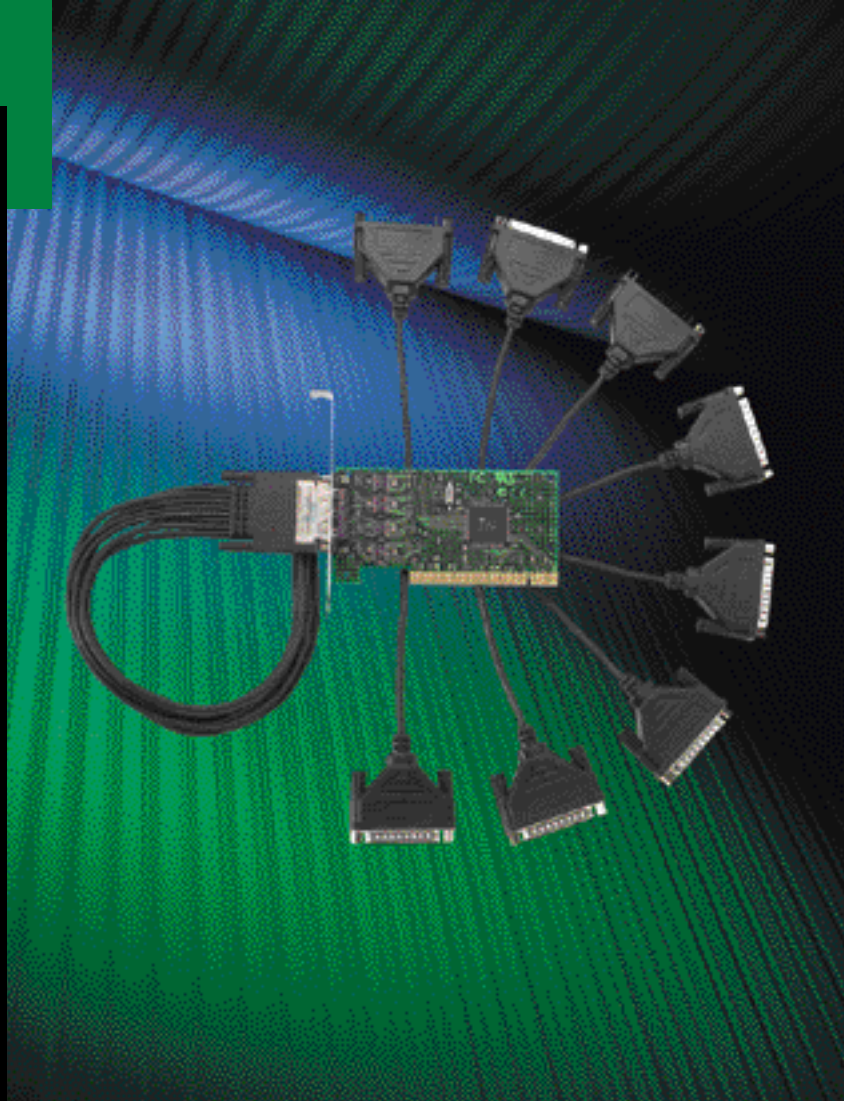


# Digi Neo



- > Four or eight port EIA-232 solutions on PCI platform
- > Smallest form factor in industry
- > Surge suppression
- > Enhanced monitoring/diagnostic tool
- > Windows, UNIX and Linux drivers
- > Extensive cabling/connector options for DB-25, RJ-45 and DB-9 connections

## Digi Neo Overview

The Digi Neo™ is the latest addition to Digi's family of intelligent multiport serial cards. The unique half-height size of the Digi Neo makes it the smallest form factor serial card solution on the market today.

The Digi Neo leverages an Application Specific Integrated Circuit (ASIC) to provide throughput speeds exceeding 460.8 Kbps, large buffers for data transfer, and baud rate customization. These features, along with surge suppression and the availability of drivers for all the most popular operating systems, make the Digi Neo ideal for point-of sale, industrial automation, factory control, kiosks, and data collection applications.

The extensive cabling options of the Digi Neo (RJ-45, DB-9, DB-25) set a new standard for ease-of-installation and connector reliability while

delivering the only solution for tighter workspaces and specialized server/PC environments.

The Digi Neo provides an enhanced software monitoring and diagnostic tool for Windows® operating systems. A similar tool for Unix and Linux operating systems also supports the Digi Neo.

With over 15 million ports shipped, Digi is the leader in Connectware, wired and wireless, hardware and software connectivity solutions that business use to create, customize and control retail operation, industrial automation, and other applications. Connectware network-enables the essential devices that build business. Let us show you how the Digi Neo can give your business a competitive advantage by seamlessly network-enabling the essential devices that drive your business.

**Smallest  
multiport serial  
card available  
today**



## FEATURES

- > Four or eight port EIA-232 solution on PCI platform
- > Half height card makes it the smallest form factor in industry
- > Surge suppression
- > Throughput exceeding 460.8 Kbps
- > Enhanced monitoring/diagnostic configuration tool
- > Windows, UNIX and Linux drivers
- > Extensive cabling/connector options for DB-25, RJ-45 and DB-9
- > Full modem control
- > Hardware or software flow control
- > Low latency
- > Custom baud rates

## CONNECTORS

### Digi Neo 4 and 8

- > Single HD-68 female connector
- > Connector options:
  - > DB-25 and DB-9 four-foot fan-out cables
  - > DB-25 connector box with HD-68M six-foot connector cable
  - > RJ-45 connector box with HD-68M six-foot connector cable
  - > DB-9 connector box with HD-68M six-foot connector cable
  - > HD-68M to DB-78F converter to use legacy connector options

## REGULATORY APPROVALS

- > Electromagnetic Emissions:
  - > FCC Part 15, Class B
  - > EN55022, Class B
  - > VCCI Class B
  - > ICES-003, Class B
  - > AS3548
- > Electromagnetic Immunity:
  - > EN55024
- > Safety:
  - > EN60950
  - > UL 1950
  - > CSA 22.2, No. 950
  - > AS3260

## DIMENSIONS

### Four or eight port

- > Length: 4.86 in (12.34 cm)
- > Width: 0.325 in (0.83 cm)
- > Height: 2.45 in (6.22 cm)
- > Weight: 1.41 oz. (40 grams)

## SYSTEM REQUIREMENTS

- > One 32-bit slot
- > IRQ is assigned

## MODEL/PART NUMBERS

### Model

- PCI EIA-232
- Digi Neo 4 port (cables not included, see below)
- Digi Neo 4 port (includes DB-25M fan-out cable)
- Digi Neo 8 port (cables not included, see below)
- Digi Neo 8 port (includes DB-25M fan-out cable)

### Available Accessories

- 4 port DB-25M DTE fan-out cable
- 4 port DB-9M DTE fan-out cable
- 4 port DB-25F DTE fan-out cable
- 4 port DB-9F DTE fan-out cable
- 4 port DB-25M DTE connector box with cable
- 4 port DB-9M DTE connector box with cable
- 4 port RJ-45 DTE connector box with cable
- 8 port DB-25M DTE fan-out cable
- 8 port DB-9M DTE fan-out cable
- 8 port DB-25F DTE fan-out cable
- 8 port DB-9F DTE fan-out cable
- 8 port DB-25M DTE connector box with cable
- 8 port DB-9M DTE connector box with cable
- 8 port RJ-45 DTE connector box with cable
- 10-foot HD-68M cable (use when additional length is required)
- HD-68M to DB-78F converter (use with legacy accessories)

### Part Number

- 77000819
- 70001731
- 77000820
- 70001732
- 76000522
- 76000528
- 76000532
- 76000530
- 76000524
- 76000560
- 76000526
- 76000523
- 76000529
- 76000533
- 76000531
- 76000525
- 76000561
- 76000527
- 76000559
- 76000534

## ENVIRONMENTAL

- > Ambient temperature: 50° F to 131° F (10° C to 55° C)
- > Relative Humidity: 5% to 90%
- > Altitude: 0 to 8,000 feet (0 to 2438 meters)
- > Air movement: 30 CFM forced

## OPERATING SYSTEMS

- > Microsoft® Windows XP
- > Microsoft® Windows 2000
- > Microsoft® Windows NT
- > Microsoft® Windows 95/98/Me
- > Linux
- > SCO® OpenServer

Most drivers ship with product on CD-ROM. Drivers and driver updates also available on our Website at [www.digi.com/drivers](http://www.digi.com/drivers).

## POWER REQUIREMENTS

### Digi Neo 4 and 8 port

- > +5V +/- 5%, 20mA typical, 100mA maximum
- > +12V +/- 5%, 100mA typical, 150mA maximum

## DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty.

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