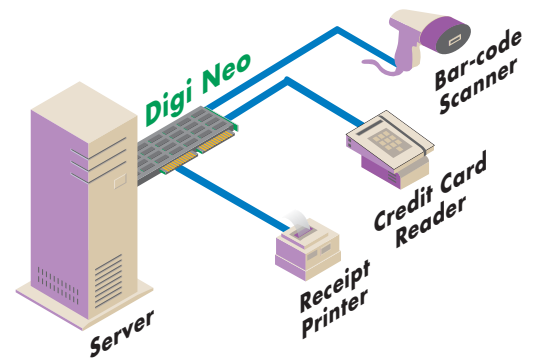


Digi Neo®

Multiport Serial Cards



The Digi Neo is fast, flexible and has the form factor for today's serial-port needs. The Universal PCI board easily exceeds 460.8 Kbps. The cabling, low-profile and software driver options allow flexibility in installations.



Features/Benefits

- > Two-, four- or eight-port EIA-232 solutions
- > Universal PCI bus slot support - 3.3V and 5V
- > Low profile PCI for two-, four- or eight-ports
- > Enhanced monitoring/ diagnostic tool
- > Extensive cabling/connector options for DB-25, RJ-45 and DB-9 connections
- > Surge suppression on all signals
- > Low latency
- > Windows, UNIX and Linux driver support

Overview

The Digi Neo® can easily give your business a competitive advantage by enabling your serial devices. The low profile size of the Digi Neo makes it one of the smallest form factor serial card solutions on the market today and one of the fewest to offer a low profile 8-port solution on a single card.

The Digi Neo leverages an Application Specific Integrated Circuit (ASIC) to provide throughput speeds exceeding 460.8 Kbps, large buffers for data transfer, low latency and baud rate customization. These features, along with surge suppression and drivers for 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.

Digi International, the leader in Connectware, makes device networking easy by manufacturing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility and quality since 1985.



Connectware™

Features/Specifications

FEATURES

- Two-, four- or eight-port EIA-232 solution on Universal PCI (3.3V and 5V) platform
- Low profile options
- PCI-X/PCI 2.3 compatible
- Surge suppression on all signals
- Throughput exceeding 460.8 Kbps
- Enhanced monitoring/diagnostic configuration tool
- 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

HARDWARE REQUIREMENTS

- Power**
- Digi Neo 4-and 8-port**
- +5V +/- 5%, 20mA typical, 100mA maximum
 - +12V +/- 5%, 100mA typical, 150mA maximum
- Digi Neo 2-port**
- +5V +/- 5%, 50mA typical, 100mA maximum
 - +12V +/- 5%, 20mA typical, 50mA maximum
- System**
- 32 or 64 bit PCI slot
 - IRQ is assigned

OPERATING SYSTEMS

- Microsoft® Windows Server 2003
- 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.

MODEL.....PART NUMBERS

Model	Part Number
Universal PCI EIA-232	
New! Digi Neo Universal PCI (3.3V & 5V) 2-port DB-9M	77000847
New! Digi Neo Universal PCI (3.3V & 5V) 2-port RJ-45	77000848
New! Digi Neo Universal PCI (3.3V & 5V) 2-port RJ-45 Low Profile	77000849
New! Digi Neo Universal PCI (3.3V & 5V) 4-port RJ45	77000855
New! Digi Neo Universal PCI (3.3V & 5V) 4-port w/o cables	77000857
New! Digi Neo Universal PCI (3.3V & 5V) 8-port w/o cables	77000858
New! Digi Neo Universal PCI (3.3V & 5V) 4-port w/DB25M fan-out cable	70001946
New! Digi Neo Universal PCI (3.3V & 5V) 8-port w/DB25M fan-out cable	70001947
New! Digi Neo Universal PCI (3.3V & 5V) 4-port Low Profile (cables not included, see below)	77000835
New! Digi Neo Universal PCI (3.3V & 5V) 8-port Low Profile (cables not included, see below)	77000836
PCI (5V only) EIA-232	
Digi Neo PCI (5V) 4-port (cables not included, see below)	77000819
Digi Neo PCI (5V) 4-port (includes DB-25M fan-out cable)	70001731
Digi Neo PCI (5V) 8-port (cables not included, see below)	77000820
Digi Neo PCI (5V) 8-port (includes DB-25M fan-out cable)	70001732
Available Accessories	
4-port DB-25M DTE fan-out cable	76000522
4-port DB-9M DTE fan-out cable	76000528
4-port DB-25F DTE fan-out cable	76000532
4-port DB-9F DTE fan-out cable	76000530
4-port DB-25M DTE connector box with cable	76000524
4-port DB-9M DTE connector box with cable	76000560
4-port RJ-45 DTE connector box with cable	76000526
8-port DB-25M DTE fan-out cable	76000523
8-port DB-9M DTE fan-out cable	76000529
8-port DB-25F DTE fan-out cable	76000533
8-port DB-9F DTE fan-out cable	76000531
8-port DB-25M DTE connector box with cable	76000525
8-port DB-9M DTE connector box with cable	76000561
8-port RJ-45 DTE connector box with cable	76000527
16-port DB-25 DTE 19" rack enclosure w/cables	76000587
16-port RJ-45 DTE 19" rack enclosure w/cables	76000588
HD-68M to DB-78F converter (use with legacy accessories)	76000534

DIMENSIONS

- Digi Neo**
- Length: 4.72 in (11.99 cm)
 - Width: 0.725 in (1.84 cm)
 - Weight: 2 oz. (57 grams)
- Four- or eight-port**
- Height: 2.45 in (6.22 cm)
- Two-port DB-9**
- Height: 3.38 in (8.6 cm)
- Two-port RJ-45**
- Height: 2.05 in (5.2 cm)

REGULATORY APPROVALS

- FCC Part 15, Class B
- EN55024
- EN55022, Class B
- EN60950
- VCCI Class B
- UL 1950
- ICES-003, Class B
- AS3260
- AS3548
- CSA 22.2, No. 950

ENVIRONMENTAL

- Ambient temperature: 32°F to 131°F (0°C to 55°C)
- Storage temperature: -13°F to 185°F (-25°C to 85°C)
- Relative Humidity: 5% to 90%
- Altitude: 0 to 12,000 feet (0 to 3660 meters)
- Air movement: 30 CFM forced

CONNECTORS

- Digi Neo 4- and 8-Port**
- Single HD-68 female connector
 - Connector options:
 - DB-25 and DB-9 four-foot fan-out cables - male or female
 - DB-25, RJ-45 or DB-9 connector box with HD-68M six-foot connector cable
 - DB-25 or RJ-45 16 port 19" rack mountable enclosure with two HD-68 connector cables (four or eight ports per cable)

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. <http://support.digi.com>

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