

# AccelePort Xe



- > Economical intelligent serial adapter for connecting multiuser terminals, printers, modems, and POS devices
- > Two, four or eight EIA-232 serial ports
- > Four or eight EIA-422 serial ports
- > On-board processing relieves host CPU of communication bottlenecks
- > Available for ISA bus platforms

Designed to deliver fast, reliable connections for multiuser workgroups, the AccelePort® Xe multiport serial adapter is a low-priced solution for supporting terminals, printers, modems and other asynchronous peripherals.

Recommended for point-of-sale, data acquisition, factory automation, and industrial control applications, the AccelePort Xe is among Digi's most popular selling add-in solutions. Equipped with powerful on-board I/O processing to reduce host CPU utilization, and supplied with full modem control and hardware handshaking, the AccelePort Xe easily accommodates the varying connectivity needs of small to medium sized workgroups.

EIA-232 models are available in two-, four- or eight-port models, while the

EIA-422 models are offered with four or eight ports. The EIA-422 solutions enable users to transmit signals over greater distances and at higher speeds than standard EIA-232 communications and are generally immune to electrical interference and surges. These benefits make the EIA-422 solution a smart choice for industrial and manufacturing applications as well as widespread point-of-sale operations.

The AccelePort Xe supports a broad spectrum of operating environments—from SCO®, Novell®, Linux®, and Microsoft®. Other device drivers are available from your Digi representative or can be easily downloaded from Digi's Web site or FTP server.

For low-cost, accurate and dependable multiuser communications, the AccelePort Xe is among the smartest connection that you can make.

Intelligent serial  
I/O adapter for  
small to medium  
workgroups



Connectware

## FEATURES

### AccelePort Xe Serial Adapter

- > Two, four and eight ports with EIA-232 interfaces
- > Four and eight ports with EIA-422 interfaces
- > ISA bus support
- > Memory—64 K RAM (dual ported) with 8 K memory window
- > Supports 115.2 Kbps on two ports; full 57.6 Kbps on four or eight ports

## CONNECTORS

### AccelePort 2e-232

- > Two DB-9 male connectors

### AccelePort 4e and 8e-232

- > DB-25 male cable assembly, modem ready
- > Options: RJ-45 connector box and DB-25 I/O box

### AccelePort 4e and 8e-422

- > DB-9 or DB-25 male cable assembly options

## POWER REQUIREMENTS

### ISA—AccelePort 2e

- > +5 V +/-5% 1.0 Amps typical
- > +12 V +/-5% .80 Amps typical
- > -12 V +/-5% .50 Amps typical

### ISA—AccelePort 4e and 8e

- > +5 V +/-5% 1.9 Amps typical
- > +12 V +/-5% .11 Amps typical
- > -12 V +/-5% .11 Amps typical

## REGULATORY APPROVALS

- > FCC Part 15, Class B
- > ICES-003 Class B
- > EN 55022
- > EN 50082-2
- > UL 1950
- > CSA 22.2 No. 950
- > EN60950
- > AS3548

## DIMENSIONS

### ISA AccelePort 2e

- > Length: 17.02 cm (6.7 in)
- > Width: 8.9 cm (3.5 in)
- > Height: 1.27 cm (0.5 in)
- > Weight: 0.09 kg (3.25 oz)

### ISA AccelePort 4e and 8e

- > Length: 22.1 cm (8.7 in)
- > Width: 8.9 cm (3.5 in)
- > Height: 1.27 cm (0.5 in)
- > Weight: 0.13 kg (4.5 oz)

## MODEL/PART NUMBERS

### Model

#### EIA-232 Solutions

	Part Numbers
AccelePort 2e-ISA DB-9	# 77000248
AccelePort 4e-ISA	# 77000035
AccelePort 4e-ISA DB-25 Cable	# 70000737
AccelePort 8e-ISA	# 77000037
AccelePort 8e-ISA DB-25 Cable	# 70000738

#### EIA-422 Solutions

AccelePort 4e-ISA EIA-422 DB-9 Cable	# 70001058
AccelePort 4e-ISA EIA-422 DB-25 Cable	# 70000939
AccelePort 8e-ISA EIA-422 DB-9 Cable	# 70001059
AccelePort 8e-ISA EIA-422 DB-25 Cable	# 70000938

#### Required Accessories

4 Port DB-25M Cable Assembly	# 76000008
8 Port DB-25M Cable Assembly	# 76000021
4 Port DB-25M Box	# 76000030
8 Port DB-25M Box	# 76000031
4 Port RJ-45 Connector	# 76000038
8 Port RJ-45 Connector	# 76000033

*One adapter cable needed per port*

## SYSTEM REQUIREMENTS

- > One 16 bit slot
- > 8 K or 32 K unused memory address space for static RAM
- > One unused I/O port address

## ENVIRONMENTAL REQUIREMENTS

- > Ambient temperature: 10°C to 55°C (50°F to 131°F)
- > Relative humidity: 5% to 90% non condensing
- > Altitude: 0 to 3,600 meters (0 to 12,000 feet)
- > Air movement: 30 CFM forced

## SOFTWARE COMPATIBILITY

- > Linux
- > Microsoft Windows NT®, Windows 95 and Windows 2000
- > Novell NetWare®
- > OS/2
- > QNX
- > SCO OpenServer™
- > SCO UnixWare™
- > UNIX SVR4
- \* Drivers ship with product on CD-ROM.

## DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support, a strong five-year warranty and a 30-day money-back guarantee.

For driver updates, visit Digi's web site at [www.digi.com](http://www.digi.com)

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