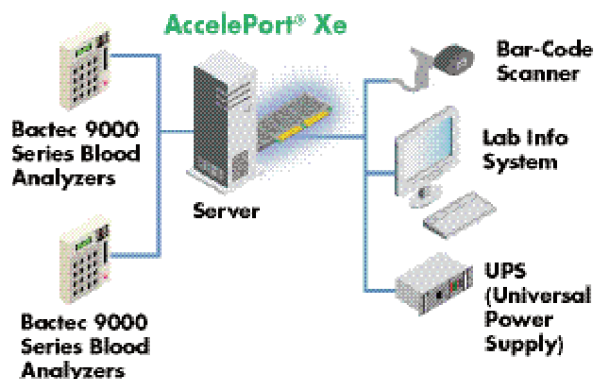# AccelePort® Xe

Multiport Serial Card

Designed to deliver fast, reliable connections for multi-user workgroups, the AccelePort Xe multiport serial card is a cost-effective connectivity solution for terminals, printers, modems and other asynchronous serial peripherals.

Features/Benefits

- **Economical intelligent serial card for connecting multi-user terminals, printers, modems and POS devices**

- **Two, four or eight RS-232 serial ports**

- **Four or eight RS-422 serial ports**

- **On-board processing relieves host CPU of communication bottlenecks**

- **Available for ISA bus platforms**

Overview

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.

RS-232 models are available in two-, four- or eight-port versions, while the RS-422 models are offered with four or eight ports. The RS-422 solutions enable users to transmit signals over greater distances and at higher speeds than standard RS-232 communications and are generally immune to electrical interference and surges. These benefits make the RS-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 systems, including SCO®, Linux® and Microsoft® Windows®. Other device drivers can be downloaded from the Digi website. For cost-effective, accurate and dependable multi-user communications, the AccelePort Xe is among the smartest connection that you can make.

Features/Specifications

FEATURES

- 2, 4 or 8 ports with RS-232 interfaces
- 4 or 8 ports with RS-422 interfaces
- ISA bus support
- 64K RAM memory (dual ported) with 8K memory window
- Supports 115.2 Kbps on 2 ports; full 57.6 Kbps on 4 or 8 ports

CONNECTORS

AccelePort 2e (RS-232)
- 2 DB-9 male connectors

AccelePort 4e and 8e (RS-232)
- DB-25 or DB-9 fan-out cables
- RJ-45 connector box
- DB-25 I/O box with 4-foot cable

AccelePort 4e and 8e (RS-4222)
- DB-9 or DB-25 male fan-out cable options

POWER REQUIREMENTS

AccelePort 2e
- +5V +/-5% 1.0 Amps typical
- +12V +/-5% 0.80 Amps typical
- -12V +/-5% 0.50 Amps typical

AccelePort 4e and 8e
- +5V +/-5% 1.9 Amps typical
- +12V +/-5% 0.11 Amps typical
- -12V +/-5% 0.11 Amps typical

REGULATORY APPROVALS

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

SYSTEM REQUIREMENTS

- 1 16-bit ISA slot
- 8K or 32K unused memory address space for static RAM
- 1 unused I/O port address

SOFTWARE COMPATIBILITY

- Linux
- Windows NT®
- Windows 95/98/Me
- Windows 2000/XP/Server™ 2003
- Novell NetWare® †
- OS/2 †
- QNX †
- SCO OpenServer™
- SCO UnixWare™

* Drivers ship with product on CD-ROM.

† Legacy only

DIMENSIONS

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)

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)

ENVIRONMENTAL

- Operating temperature: 10° C to 55° C (50° F to 131° F)
- Storage temperature: -25° C to 85° C (-13° F to 185° F)
- Relative humidity: 5% to 90% non condensing
- Altitude: 0 to 3,600 meters (0 to 12,000 feet)
- Air movement: 30 CFM forced

MODEL.....................PART NUMBERS

Model	North America	International
RS-232 Solutions		
AccelePort 2e-ISA DB-9	77000248	77000248
AccelePort 4e-ISA (connector not included, see below)	77000035	77000035
AccelePort 4e-ISA DB-25 Cable	70000737	70000737
AccelePort 8e-ISA (connector not included, see below)	77000037	77000037
AccelePort 8e-ISA DB-25 Cable	70000738	70000738
RS-422 Solutions		
AccelePort 4e-ISA RS-422 DB-9 Cable	70001058	70001058
AccelePort 4e-ISA RS-422 DB-25 Cable	70000939	70000939
AccelePort 8e-ISA RS-422 DB-9 Cable	70001059	70001059
AccelePort 8e-ISA RS-422 DB-25 Cable	70000938	70000938
Accessories for RS-232 with DB-78 Connector		
4-Port DB-25M Straight Fan-Out Cable	76000008	76000008
4 Port DB-9M Straight Fan-Out Cable	76000003	76000003
4 Port DB-25M Straight Connector Box with Cable	76000030	76000030
4 Port RJ-45 Straight Connector Attachment	76000038	76000038
8 Port DB-25M Straight Fan-Out Cable	76000021	76000021
8 Port DB-9M Straight Fan-Out Cable	76002042	76002042
8 Port DB-25M Straight Connector Box with Cable	76000031	76000031
8 Port RJ-45 Straight Connector Attachment	76000033	76000033

WHEN RELIABILITY MATTERS™

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Digi International, the leader in device networking for business, develops reliable products and technologies to connect and securely manage local or remote electronic devices over the network or via the web. With over 20 million ports shipped worldwide since 1985, Digi offers the highest levels of performance, flexibility and quality.

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