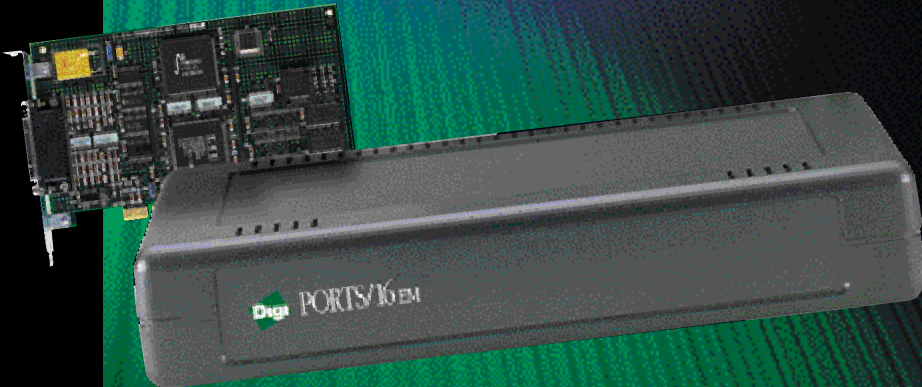


AccelePort Xem



- > Expandable up to 64 ports from a single host slot
- > Eight- and 16-port concentrator boxes permit incremental expansion
- > Delivers data speeds up to 115.2 Kbps
- > Available for PCI and ISA platforms
- > EIA-232 and EIA-422 solutions
- > Ideal for connecting modems, terminals, printers, instruments and other serial devices
- > High-speed dial-in/dial-out remote I/O connections for remote access systems when configured with external modems

AccelePort Xem Overview

If your business is looking to reap all the benefits of high-performance workgroup computing at the lowest price per port, look no further than the AccelePort® Xem system.

The AccelePort Xem asynchronous concentrator is an expandable, modular and intelligent serial communication solution designed specifically for small to mid-size multiuser installations. It is especially well-suited to applications that are expected to start small and grow over time, to as many as 64 ports.

This flexible system lets you connect up to 64 high-speed EIA-232 or EIA-422 serial ports to a PCI- or ISA-based system. The result is a fast, reliable way to connect terminals, printers, modems, instruments and other serial peripherals, making it ideally suited to applications such as

data acquisition, office/factory automation, and industrial process control.

These systems feature a host adapter card with an on-board RISC-based processor that delivers up to 115.2 Kbps performance. The AccelePort Xem system also includes a compact Digi PORTS Module that provides access to eight or 16 serial ports.

The AccelePort Xem works in concert with a wide array of popular operating systems (see reverse side). The Xem Family features the same quality, reliability and after-sales technical support that have made Digi the #1 leader in serial connectivity, with over 15 million ports shipped. It's easy to see why the Digi AccelePort Xem is the choice of leading solution providers who are looking for flexibility with an affordable cost per port.

Intelligent
serial solutions
that expand up
to 64 ports
using only one
host slot

FEATURES

AccelePort Xem Host Card

- > Supports both PCI and ISA platforms
- > Supports data transfer rates up to 115.2 Kbps
- > One host card supports up to four Digi PORTS modules for a maximum of 64 ports, an auxiliary power supply package (PN 76000109 in North America or 76000321 for International) is required when using more than two PORTS modules.
- > On-board IDT 3051 RISC processor with its patented Front End Processor/Operating System (FEP/OS)
- > Female HD44 connector to connect the first Digi PORTS module via a 5-foot (1.5 m) cable

Digi PORTS Modules

- > Ports modules are interchangeable between ISA and PCI platforms
- > Eight or 16 EIA-232 asynchronous serial ports: PORTS/8em or PORTS/16em, RJ-45 or DB-25
- > 16 EIA-422 asynchronous serial ports: PORTS/16em EIA-422 DB-25
- > 115.2 Kbps performance capabilities
- > Can also connect to other Digi EBI products including EPC/CON Concentrators, PortServer II, and MODEM/Xem
- > External Bus Interface (EBI) technology uses HD44 female connectors on the PORTS Modules to daisy-chain additional ports via a 16-inch (40.6 cm) cable
- > Surge protection on all EIA-232 and EIA-422 signals
- > Supports full modem control and full hardware handshaking (CTS, RTS, DSR, DTR and DCD) on all channels

REGULATORY APPROVALS

- > FCC Part 15, Class B
- > ICES-003 Class B
- > EN55022, Class B
- > EN50082-2
- > UL 1950
- > CSA 22.2 No 950
- > EN60950

OPERATING SYSTEMS

- > AIX*
- > Compaq Tru64 UNIX
- > Compaq OpenVMS
- > HP-UX*
- > Microsoft Windows 95/98, Windows Millenium Edition*
- > Microsoft Windows 2000**
- > Microsoft Windows Xp
- > Microsoft Windows NT*
- > Linux*
- > Novell NetWare*
- > OS/2
- > QNX
- > SCO OpenServer*
- > SCO UnixWare*
- > Solaris™ SPARC*
- > Solaris Intel*

*Drivers ship with product on CD-ROM.

**Drivers ship with operating system.

MODEL / PART NUMBERS

EIA-232 Solutions (Kit includes card, 5' EBI cable and PORTS module)	Part Numbers
AccelePort 8em-PCI RJ-45	70001206
AccelePort 8em-PCI DB-25	70001208
AccelePort 16em-PCI RJ-45	70001201
AccelePort 16em-PCI DB-25	70001203
AccelePort 8em-ISA RJ-45	70000810
AccelePort 8em-ISA DB-25	70000838
AccelePort 16em-ISA RJ-45	70000692
AccelePort 16em-ISA DB-25	70000749
AccelePort 16em-PCI RJ-45 Rack**	70001757
AccelePort 16em-PCI RJ-45 Rack (International Version)**	70001758
EIA-422 Solutions (Kit includes card, 5' EBI cable and PORTS module)	
AccelePort 16em-PCI EIA-422 DB-25	70001559
AccelePort 16em-ISA EIA-422 DB-25	70001558
Optional Accessories	
19" Rack Mount Chassis	76000611
24" Cable RJ-45 to DB-25M (One adapter cable needed per port)	76000129
48" Cable RJ-45 to DB-25M (One adapter cable needed per port)	76000195
PORTS/8em module DB-25 †	76000120
PORTS/8em module RJ-45 †	76000122
PORTS/16em module DB-25 †	76000073
PORTS/16em module RJ-45 †	76000074
PORTS/16em module EIA-422 DB-25 †	76000535
PORTS/16em module EIA-422 DB-25 (International Version - ships with external 43 W, 100-250 V 50/60 Hz power supply) †	76000548
Xem 120 V Power Supply Package	76000109
Xem International Power Supply Package	76000321
†16" daisy chain cable included	
** This product will be available summer 2001.	

SYSTEM REQUIREMENTS

ISA

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

PCI

- > One full-length 32-bit slot

ENVIRONMENTAL

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

POWER REQUIREMENTS

PCI Host Card

- > +5 V +/-5% 0.43 Amps typical, plus module power drain

ISA Host Card

- > +5 V +/-5% 1.75 Amps typical, plus module power drain

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/drivers

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