

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

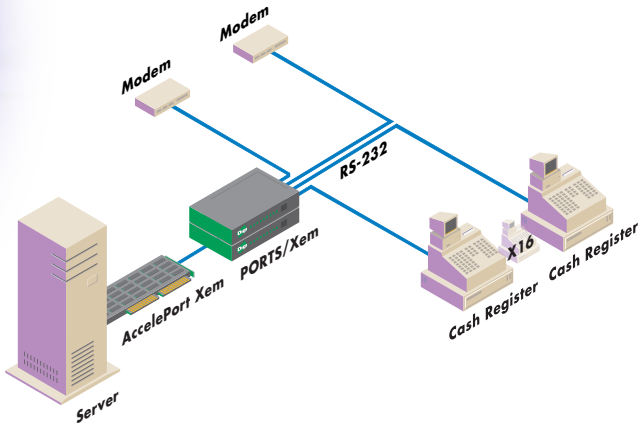
Visit our website - *Click HERE*

AccelePort® Xem

Multiport Serial Cards & Expansion Ports



The AccelePort Xem system enables your business to reap all the benefits of high-performance serial computing at the lowest price per port.



Features/Benefits

- > **Expandable up to 64 ports from a single host slot**
- > **Universal PCI bus slot supports 3.3v & 5v**
- > **Low profile PCI option**
- > **ISA bus product available**
- > **Eight- and 16-port concentrator boxes provide incremental expansion**
- > **Delivers data speeds up to 115.2 Kbps**
- > **RS-232 and RS-422 solutions**
- > **Ideal for connecting modems, terminals, printers, instruments and other serial devices**
- > **1U 19-inch rack mount 16-port option**

Overview

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

This flexible system enables you to connect up to 64 RS-232 or RS-422 serial ports to a Universal PCI (3.3v & 5v) or ISA-based computer. The result is a fast, reliable way to connect terminals, printers, modems, instruments and other serial peripheral devices, making it ideal for applications such as data acquisition, office/factory automation and industrial process control.

The AccelePort Xem system features a host adapter card with an on-board RISC-based processor that delivers up to 115.2 Kbps performance per port. The system also includes a compact Digi PORTS module that provides access to eight or 16 serial ports. PORTS modules can also be Ethernet-enabled using the PortServer® II.

The AccelePort Xem has driver support for a wide array of popular operating systems. It features the same quality, reliability and after-sales technical support that has made Digi the leader in serial connectivity.

Digi International, the leader in Connectware, makes device networking easy by developing 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.

Digi®
Connectware™

Features/Specifications

FEATURES

AccelePort Xem Host Card

- Supports both Universal PCI (3.3v & 5v) and ISA platforms
- PCI 2.3/PCI-X compatible
- Low profile PCI option
- Data transfer rates up to 115.2 Kbps per port
- One host card supports up to four Digi PORTS modules for a maximum of 64 ports
- Auxiliary power supply package (PN 76000109 in North America or 76000321 for International) required when using more than two PORTS modules on modules 3 & 4
- On-board IDT 3081 RISC processor with patented Front End Processor/Operating System (FEP/OS)

Digi PORTS Modules

- Interchangeable between ISA and PCI platforms & PortServer II
- Eight or 16 RS-232 asynchronous serial ports (RJ-45 or DB-25)
- 1U 19-inch rack mount PORTS/16em for RS-232
- 16 RS-422 asynchronous serial ports (DB-25)
- Modules can connect to Digi EPC/CON concentrators or PortServer II
- External Bus Interface (EBI) technology uses HD44 female connectors on PORTS modules to daisy-chain additional ports via 16-inch (40.6 cm) cable
- Surge protection on all signals
- Supports full modem control and full hardware handshaking (CTS, RTS, DSR, DTR and DCD) on all channels

POWER REQUIREMENTS

PCI Host Card

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

ISA Host Card

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

OPERATING SYSTEMS

- AIX
- Compaq Tru64 UNIX, OpenVMS†
- HP-UX
- Windows® 95/98/ME
- Windows NT®
- Windows 2000/XP
- Windows Server™ 2003
- Linux
- Novell NetWare†
- OS/2†
- QNX†
- SCO OpenServer, UnixWare
- Solaris™ SPARC, Intel

* Driver updates available at www.digi.com/drivers.

† Legacy driver only

SYSTEM REQUIREMENTS

ISA Host Card

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

PCI Host Card

- One full-length 32-bit or 64-bit slot
- One 3.3v or 5v slot

ENVIRONMENTAL

- Ambient temperature: 50° F to 131° F (10° C to 55° C)
- Storage temperature: -13° F to +125° F (-25° C to +85° C)
- Relative humidity: 5% to 90% (non-condensing)
- Altitude: 0 to 12,000 feet (0 to 3,600 meters)
- Air movement: 30 CFM forced

REGULATORY APPROVALS

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

MODEL . . . . . .PART NUMBERS

RS-232 Solutions (Kit includes card, 5'(1.5m) EBI cable and PORTS module)	High Profile PCI	Low Profile PCI
AccelePort 8em-PCI RJ-45	70001206	70002009
AccelePort 8em-PCI DB-25	70001208	70002008
AccelePort 16em-PCI RJ-45	70001201	70002011
AccelePort 16em-PCI DB-25	70001203	70002010
AccelePort 16em-PCI RJ-45 rack (1U 19-inch rack)	70001757	70002012
RS-422 Solutions (Kit includes card, 5'(1.5m) EBI cable and PORTS module)		
AccelePort 16em-PCI RS-422 DB-25	70001559	70002017
Expansion Modules		
PORTS/8em module DB-25 †	76000120	76000120
PORTS/8em module RJ-45 †	76000122	76000122
PORTS/16em module DB-25 †	76000073	76000073
PORTS/16em module RJ-45 †	76000074	76000074
PORTS/16em rack RJ-45 † (1U 19-inch rack)	76000617	76000617
PORTS/16em module RS-422 DB-25 † (NA version ships w/ power supply & power cord)	76000535	76000535
PORTS/16em module RS-422 DB-25 (International version ships with external 43 W, 100-250v 50/60 Hz power supply)†	76000548	76000548
Optional Accessories		
Xem 120v Power Supply Package	76000109	76000109
Xem International Power Supply Package (100-250v)	76000321	76000321
19" Rack Mount Chassis (2U)	76000611	76000611
48" Cable RJ-45 to DB-25M straight-through (One adapter cable needed per port)	76000195	76000195
48" Cable RJ-45 to DB-9M straight-through (One adapter cable needed per port)	76000240	76000240
48" Cable RJ-45 to DB-25M crossover (One adapter cable needed per port)	76000238	76000238
48" Cable RJ-45 to DB-9M crossover (One adapter cable needed per port)	76000264	76000264

† 16" (40.64cm) daisy-chain cable included

For ISA bus part numbers, visit www.digi.com.

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

Digi International
11001 Bren Road E.
Minnetonka, MN 55343 USA
PH: 877-912-3444
952-912-3444
FX: 952-912-4952
Email: info@digi.com
www.digi.com

Digi International GmbH
Joseph-von-Fraunhofer Str. 23
D-44227 Dortmund
Germany
PH: +49-231-9747-0
FX: +49-231-9747-111
www.digi.de

Digi International (HK) Limited
Suite 1703-05, 17/F.
K Wah Centre
191 Java Road
North Point, Hong Kong
PH: +852-2833-1008
FX: +852-2572-9989
www.digi.cn

www.digi.com

email: info@digi.com

© 2001-2004 Digi International Inc.
Digi, Digi International, the Digi logo, the Digi Connectware logo, the Making Device Networking Easy logo, PortServer and AccelePort are trademarks or registered trademarks of Digi International, Inc. in the United States and other countries worldwide. All other trademarks are the property of their respective owners.

91000151
E4/804

Digi® Connectware™

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP