

AccelePort Xr



- > Two, four or eight serial ports support data speeds up to 921.6 Kbps
- > Delivers fast, accurate connections for high-speed modems, terminals or any serial peripheral devices
- > Supports remote access and multiuser environments
- > RISC-based processor enhances overall system throughput by offloading CPU of communication bottlenecks
- > Surge protection for superior reliability
- > EIA-232 and EIA-422 connections

Today's remote access and multiuser environments demand high-speed communications. Faster modems and servers can't do the job alone, they need to be connected to high-speed serial ports designed to keep pace with these higher-performing environments. That's why leading VARs and system integrators specify the Digi AccelePort® Xr multiport serial adapters when they need intelligent boards that deliver the utmost in serial I/O performance.

The AccelePort Xr offers two solutions. The AccelePort Xr 920 product line provides the highest-performing throughput, up to 921.6 Kbps in two-, four- and eight- port EIA-232 solutions. The AccelePort Xr 422 product line provides four- and eight-port EIA-422 solutions for transmitting data up to 230 Kbps over greater distances, ensuring complete reliability in harsh environments. When combined with Digi's on-board firmware and driver software, the AccelePort Xr offers the

most complete and powerful serial I/O solutions on the market today.

Digi's firmware and driver software is specifically engineered to work in concert with a broad scope of UNIX-based and remote access services-based operating systems which include Linux®, Microsoft®, Novell®, SCO® and Sun Microsystems™. Other device drivers are available from your Digi representative or can be easily downloaded from Digi's Web Site or FTP server.

No more costly downtime! All AccelePort Xr adapters deliver high reliability. By surge protecting every EIA-232 and EIA-422 signal, the AccelePort Xr supplies the industry's most complete, multi-strike surge protection for serial communications.

Speed. Accuracy. Reliability. All this and more is offered with the feature-rich AccelePort Xr. Review all the features and specifications—then select the AccelePort Xr solution that best satisfies your needs. It's a smart choice, no matter which Digi AccelePort Xr you choose.

High
performance,
intelligent
multiport serial
I/O adapter



Connectability

FEATURES

AccelePort Xr Host Adapters

- > Supports PCI platforms

AccelePort Xr 920

- > Four- and eight-port: support ISA and PCI platforms
- > Two port: supports PCI platform
- > EIA-232 connections
- > Ships modem ready with DB-25 male cable assembly
- > 32-bit IDT RISC processor on board
- > Performance up to 921.6 Kbps
- > 16C654 Quad UARTs
- > Surge protection
- > Software configurable bus support
- > Universal 3.3-volt and 5.0-volt bus support

AccelePort Xr 422

- > Supports PCI bus platform
- > Four or eight EIA-422 ports
- > 32-bit IDT 3041 RISC processor on board
- > 16C554 Quad UARTs
- > Performance up to 230 Kbps
- > Surge protection
- > Universal 3.3-volt and 5.0-volt bus support

MODEL/PART NUMBERS

Model		Part Numbers
AccelePort Xr 920		
ISA		
AccelePort 4r 920 DB-25 Cable		# 70001363
AccelePort 4r 920	(Connector not included, see below)	# 77000562
AccelePort 8r 920 DB-25 Cable		# 70001364
AccelePort 8r 920	(Connector not included, see below)	# 77000563
PCI		
AccelePort 2r 920 DB-9 Cable		# 77000573
AccelePort 4r 920 DB-25 Cable		# 70001361
AccelePort 4r 920	(Connector not included, see below)	# 77000560
AccelePort 8r 920 DB-25 Cable		# 70001362
AccelePort 8r 920	(Connector not included, see below)	# 77000561
AccelePort Xr 422		
PCI		
AccelePort 4r 422 DB-25 Cable		# 70001193
AccelePort 4r 422 DB-9 Cable		# 70001194
AccelePort 8r 422 DB-25 Cable		# 70001199
AccelePort 8r 422 DB-9 Cable		# 70001200
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

CONNECTORS

AccelePort 2r 920

- > Two DB-9 male connectors

AccelePort 4r 920 and 8r 920

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

AccelePort 4r 422 and 8r 422

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

OPERATING SYSTEMS

- | | |
|--|---|
| > Digital OpenVMS | > OS/2 |
| > Digital UNIX | > QNX |
| > HP-UX | > SCO OpenServer* |
| > Linux | > SCO UnixWare* |
| > Microsoft Windows 95 and 98, Windows NT* | > Sun Solaris SPARC and Sun Solaris x86 |
| > Novell NetWare* | > UNIX SVR4 |

* Drivers ship with product on CD-ROM.

For an updated list of software support via Digi and other third party vendors, please contact your Digi sales representative or visit our Web site at <http://www.digi.com>

REGULATORY APPROVALS

- | | |
|------------------------|--------------------|
| > FCC Part 15, Class B | > EN60950 |
| > EN55022, Class B | > UL 1950 |
| > AS3548 | > CSA 22.2 No. 950 |
| > EN50082-2 | |

POWER REQUIREMENTS

AccelePort 2r 920

- PCI
- > +5 V +/-5% 400 mA
- > +12 V +/-5% 50 mA
- > -12 V +/-5% 50 mA

AccelePort 4r 920

- ISA
- > +5 V +/-5% 1.40 Amps typical
- > +12 V +/-5% .07 Amps typical
- > -12 V +/-5% .07 Amps typical

AccelePort 8r 920

- ISA
- > +5 V +/-5% 1.40 Amps typical
- > +12 V +/-5% .08 Amps typical
- > -12 V +/-5% .08 Amps typical

PCI

- > +5 V +/-5% .965 Amps typical
- > +12 V +/-5% .08 Amps typical
- > -12 V +/-5% .08 Amps typical

AccelePort 4r 422 and 4r 920

- PCI
- > +5 V +/-5% .955 Amps typical
- > +12 V +/-5% .04 Amps typical
- > -12 V +/-5% .04 Amps typical

AccelePort 8r 422

- PCI
- > +5 V +/-5% .965 Amps typical
- > +12 V +/-5% .08 Amps typical
- > -12 V +/-5% .08 Amps typical

SYSTEM REQUIREMENTS

- PCI
- > One 32-bit slot
- ISA
- > One 16-bit slot

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.

Digi International
11001 Bren Road E.
Minnetonka, MN 55343
U.S.A.

<http://www.digi.com>

Customer Support and Technical Support:

North America:
800-344-4273
612-912-3456
support fax:

612-912-4958

Europe:
(+49) 231 9747 280

Hong Kong:
(+852) 2833 1008

Australia:
(+61) 2 9680 8944

e-mail:
cust_serv@digi.com



Connectability