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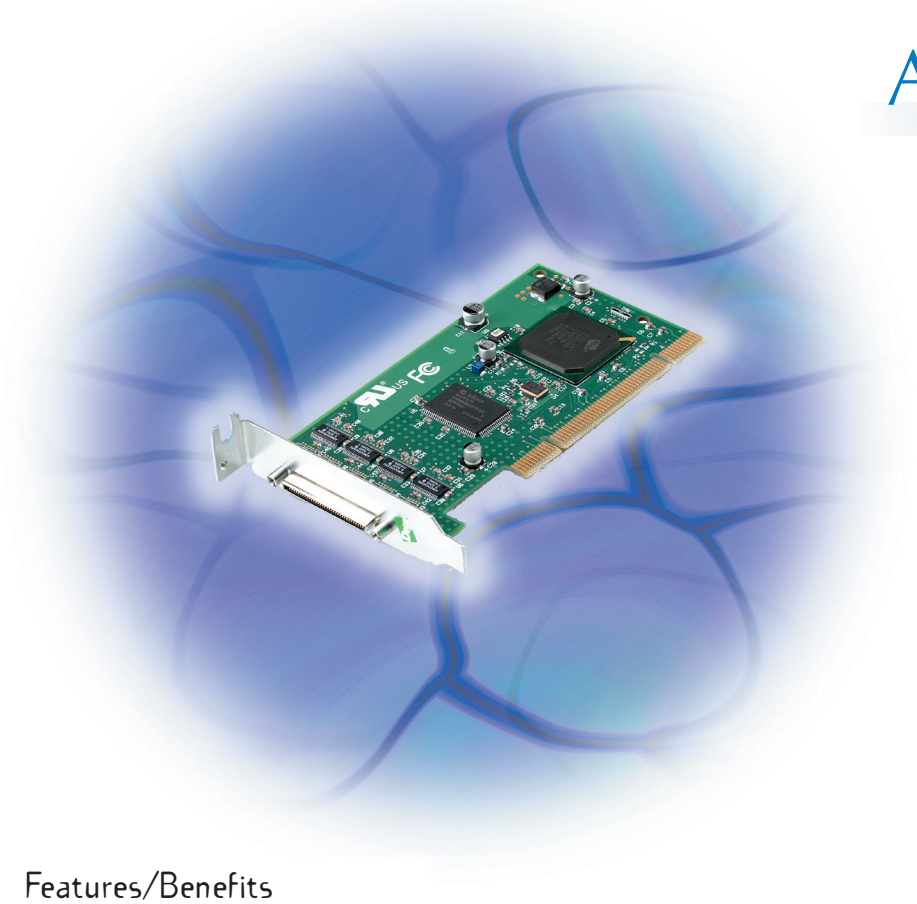
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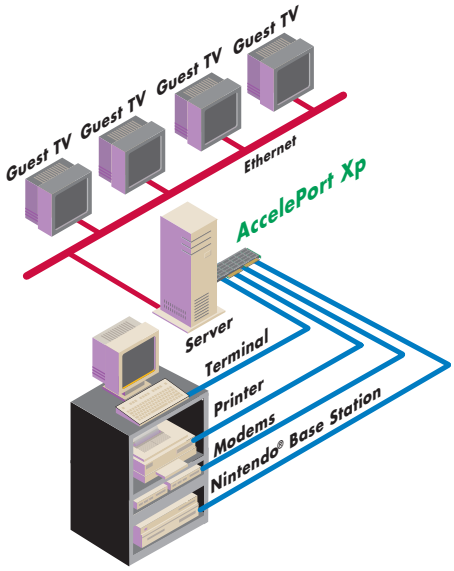
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AccelePort® Xp

Multiport Serial Card



The AccelePort Xp makes device connectivity easy with excellent throughput, an unrivaled feature set, high reliability, quality and ease of installation. It is an ideal solution for all your serial communication needs.



Features/Benefits

- > Two to 16 EIA-232 connections
- > Universal PCI bus slot support - 3.3V and 5V
- > PCI 2.3 compliant/PCI-X compatible
- > Low profile options for four- and eight-port models
- > Simultaneously supports data speeds of 921.6 Kbps, bi-directionally, on all ports
- > Full modem control and hardware and software flow control
- > Provides wide array of cabling options with SCSI HD-68 connections
- > Surge protection on all signals for superior reliability
- > Advanced ASIC design incorporates an 80 Mhz RISC processor

Overview

The AccelePort Xp Universal PCI (3.3V and 5V) card, available from two to 16 high-speed serial ports, provides wide application flexibility (retail point-of-sale, industrial control processing, data collection and office automation) and superior CPU utilization. This is achieved through the card's Application Specific Integrated Circuit (ASIC), which is built around an 80 Mhz RISC processor, providing the most advanced and highest performing design on the market today. And, unlike the competition, the AccelePort Xp communicates at 921.6 Kbps, bi-directionally, on each and every serial port.

The AccelePort Xp is available with a wide array of DB-9, DB-25 and RJ-45 connector options that include on board connectors, fan-out cables, external I/O boxes and rack-mountable chassis. External options connect to the adapter using a SCSI HD-68 connector, reducing cable clutter and increases connection reliability due to its small size.

PortAssist® Manager, Digi's web browser-based management and reporting software, is another great feature that allows the AccelePort Xp to perform basic diagnostics, enhanced network administration and monitoring on most supported operating systems. Additional diagnostic and monitoring tools are available on the supported Unix operating systems.

Digi International, the leader in Connectware, makes device networking easy by manufacturing 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, quality
since 1985.

Digi®

Connectware™

Features/Specifications

FEATURES

- Two-, four-, eight- and 16-port EIA-232 offerings on PCI platform
- Small form factor meets low profile PCI specifications
- Universal bus slot support (PCI 3.3V and 5V)
- PCI 2.3 compliant
- PCI-X compatible
- 32 and 64 bit PCI slot
- Full modem control
- Hardware/software handshaking support
- Industry standard surge suppression on all signals
- Bus mastering design reduces CPU utilization

REGULATORY APPROVALS

- FCC Part 15, Class B
- EN55022, Class B
- EN60950
- CSA 22.2, No. 950
- ICES-003, Class B
- AS3548
- EN55024
- UL 1950
- VCCI Class B

ENVIRONMENTAL

- Ambient temperature: 10ºC to 55ºC (50ºF to 131ºF)
- Storage temperature: -25ºC to 85ºC (-13ºF to 185ºF)
- Relative humidity: 5% to 90%
- Altitude: 0 to 12,000 ft (0 to 3660 m)
- Air movement: 30 CFM forced

POWER REQUIREMENTS

AccelePort 2p

- +5V +/-5% 630mA typical
- +12V +/-5% 50mA typical

AccelePort 4p, 4p RJ-45, 8p

- +5V +/-5% 640mA typical
- +12V +/-5% 100mA typical

AccelePort 16p

- +5V +/-5% 1.4A typical
- +12V +/-5% 100mA typical

CONNECTORS

AccelePort Xp 2-port

- Two DB-9 male connectors

AccelePort Xp 4-port RJ-45

- Four RJ-45 connectors

AccelePort Xp 4- and 8-port

- Single HD-68 female connector
- Connector options:
  - DB-25,RJ-45, DB-9 connector box with HD-68M six-foot connector cable
  - DB-25 and DB-9 four-foot fan out cables - male or female

AccelePort Xp 16-port

- Dual HD-68 female connectors
- Connector options:
  - All 4- and 8-port connector box and fan-out cable options (two needed for 16 port model)
  - DB-25 or RJ-45 desktop or 19" rack mountable enclosures with two HD-68 connector cables

Legacy converter

- HD-68 male to DB-78 female converter for 4- and 8- port DB-78 connector options

MODEL.....PART NUMBERS

Model		Part Numbers
PCI EIA-232		
AccelePort Xp 2-port	DB-9 male connectors on board	77000659
AccelePort Xp 4-port	cables not included, see below	77000706
AccelePort Xp 4-port	includes DB-25M fan-out cables	70001549
AccelePort Xp 4-port Low Profile	cables not included, see below	77000845
AccelePort Xp 4-port RJ-45	RJ-45 connectors on board	77000838
AccelePort Xp 8-port	cables not included, see below	77000707
AccelePort Xp 8-port	includes DB-25M fan-out cables	70001548
AccelePort Xp 8-port Low Profile	cables not included, see below	77000846
AccelePort Xp 16-port	cables not included, see below	77000708
AccelePort Xp 16-port	includes RJ-45 mounting rack	70001557
AccelePort Xp 16-port	includes DB-25 mounting rack	70001550
Accessories		
4-port DB-25M DTE fan-out cable		76000522
4-port DB-9M DTE fan-out cable		76000528
4-port DB-25F DTE fan-out cable		76000532
4-port DB-9F DTE fan-out cable		76000530
4-port DB-25M DTE connector box with cable		76000524
4-port DB-9M DTE connector box with cable		76000560
4-port RJ-45 DTE connector box with cable		76000526
8-port DB-25M DTE fan-out cable		76000523
8-port DB-9M DTE fan-out cable		76000529
8-port DB-25F DTE fan-out cable		76000533
8-port DB-9F DTE fan-out cable		76000531
8-port DB-25M DTE connector box with cable		76000525
8-port DB-9M DTE connector box with cable		76000561
8-port RJ-45 DTE connector box with cable		76000527
16 port DB-25 DTE 19" rack enclosure w/cables		76000587
16 port RJ-45 DTE 19" rack enclosure w/cables		76000588
HD-68M to DB-78F legacy cable converter		76000534

DIMENSIONS

Model	Length	Height
2p	4.43" (11.24 cm)	3.47"(8.8 cm)
4p RJ-45	4.72" (11.99 cm)	4.2" (10.67 cm)
4p or 8p	4.72" (11.99 cm)	2.475" (6.29 cm)
16p	4.72" (11.99 cm)	4.2" (10.67 cm)

All AccelePort Xp cards have a width of .725" (1.84 cm) and a weight of 6 oz. (less than .19 kg)

OPERATING SYSTEMS

- Sun® Solaris™ (SPARC/Intel®)
- Microsoft® Windows 2000/XP
- Microsoft® Windows NT
- Microsoft® Windows 95/98/Me
- Microsoft® Windows Server 2003
- Novell Netware †
- AIX®
- SCO UnixWare®
- HP-UX®
- SCO OpenServer®
- Linux

Most drivers ship with product on CD-ROM. Driver and driver updates are available on our Website at www.digi.com/drivers.

† Legacy driver support only.

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