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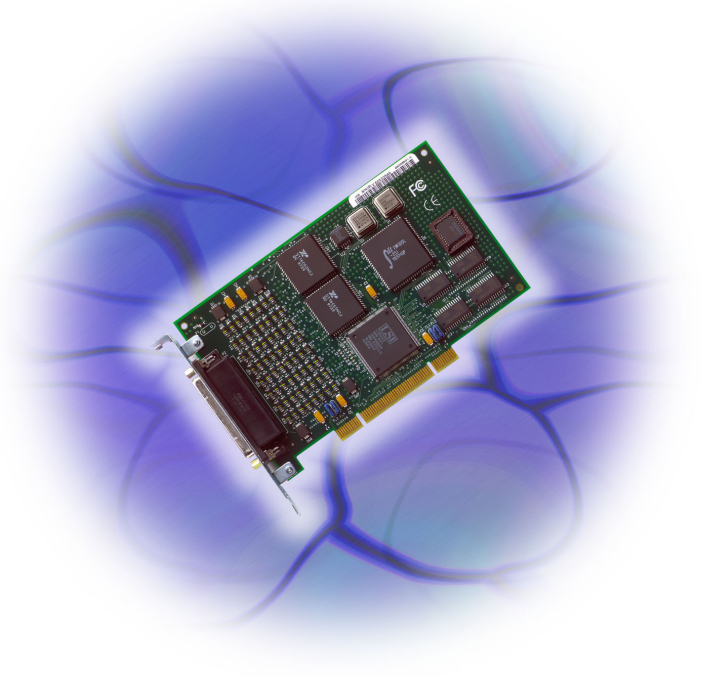
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Find the *Digi AccelePort 8r 920* at our website: *Click HERE*

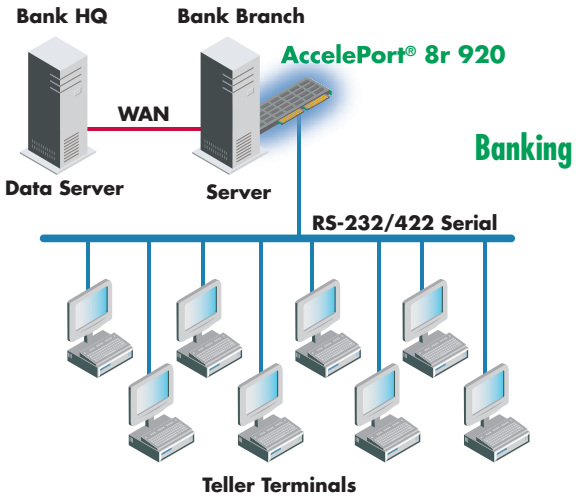
Product Datasheet

AccelePort® Xr 920

Multiport Serial Card



The AccelePort Xr 920 is designed to work with a wide range of applications by allowing a variety of parameter settings. The extra surge protection on every pin protects the board and your devices.



Features/Benefits

- Flexible port and serial interface options
- RISC-based processor enhances overall system throughput by offloading CPU communication bottlenecks
- PCI and PCI-X compatible for use in older and newer machines
- Universal PCI bus slot supports 3.3V and 5V
- Full modem control and hardware/software flow control
- Heavy-duty surge protection on all pins for superior reliability
- Ideal for retail/POS, industrial control processing, data collection and office automation
- 5-year warranty

Overview

The AccelePort Xr 920, one of the industry's best known multiport serial I/O cards, was designed for use in multi-user (retail point-of-sale, industrial control processing, data collection and office automation) and Remote Access Service (RAS) applications.

The AccelePort Xr 920 family includes two-, four- and eight-port models, all with wide application flexibility and scalability. Available in PCI Universal Card (3.3V/5V), RS-232 and RS-422 versions, these serial cards provide an extremely wide variety of operating system support and accessories (fan-out cables and external I/O connector boxes), and an extra dose of multi-strike surge protection on each and every pin. All these elements contribute to the reasons why leading resellers and systems integrators have specified the AccelePort Xr 920 Family in their designs.

An on-board 32-bit IDT RISC processor delivers high performance with speeds up to 921.6 Kbps. CPU utilization is optimized by efficiently handling serial I/O communication interrupts, character processing and data transfers. Hardware/software flow control ensures the absolute data integrity required for your most active remote access applications and "mission-critical" multi-user environments.

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Features/Specifications

FEATURES

- 2, 4 or 8 RS-232 serial port models
- 4 or 8 RS-422 serial port models
- DB-9, DB-25 and RJ-45 connector options
- 20 kV surge protection on all pins
- PCI Universal Card (3.3V & 5V)
- 32- and 64-bit PCI slot
- PCI 2.3 compliant
- PCI-X compatible
- Slave design
- Hardware/software handshaking

AccelePort Xr 920 RS-232

- Up to 921.6 Kbps throughput
- 16C654 Quad UARTs
- Software configurable bus port
- Full modem control

AccelePort Xr RS-422

- Up to 230 Kbps throughput
- 16C554 Quad UARTS

POWER REQUIREMENTS

AccelePort 2r 920 - PCI

- +5V +/-5% 350 mA typical
- +12V +/-5% 30 mA typical
- -12V +/-5% 50 mA typical

AccelePort 4r 920 - PCI

- +5V +/-5% 955 mA typical
- +12V +/-5% 40 mA typical
- -12V +/-5% 40 mA typical

AccelePort 8r 920 - PCI

- +5V +/-5% 960 mA typical
- +12V +/-5% 80 mA typical
- -12V +/-5% 80 mA typical

AccelePort 4r and 8r 422 - PCI

- +5V +/-5% 1.0 A typical
- +12V +/-5% 10 mA typical
- -12V +/-5% 10 mA typical

REGULATORY APPROVALS

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

OPERATING SYSTEMS

- Windows Server™ 2003
- WIndows® XP
- Windows 2000
- Windows NT®
- Windows 9x/Me
- Solaris SPARC and Intel
- Novell NetWare
- HP-UX
- Linux®
- OpenVMS
- OS/2
- QNX
- SCO OpenServer
- SCO UnixWare
- Tru64

CONNECTORS

AccelePort Xr 920 2-port

- 2 DB-9 male connectors on board

AccelePort Xr 920 (RS-232) 4- and 8-port

- Single DB-78F connector on board
- Connector options:
  - DB-25 fan-out cables (DTE or DCE; male or female)
  - DB-9 fan-out cables (DTE; male or female)
  - DB-25 connector box with 4-foot connector cable (DTE or DCE)
  - RJ-45 connector attachment

AccelePort Xr (RS-422) 4- and 8-port

- Single DB-78F connector on board
- Connector options:
  - DB-25 fan-out cable (male)
  - DB-9 fan-out cable (female or male)

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 12,000 feet (0 to 3,660 meters)
- Air movement: 30 CFM forced

DIMENSIONS

Form Factor	Length	Width	Height
• 2-port PCI	9.0 in	0.5 in	4.2 in
• 4/8-port PCI	6.875 in	0.5 in	4.2 in

MODEL.....PART NUMBERS

Model	Worldwide
AccelePort Xr 422	
AccelePort Xr Universal PCI (3.3V & 5V) 4-Port RS-422 w/DB-25M Cable	70001193
AccelePort Xr Universal PCI (3.3V & 5V) 4-Port RS-422 w/DB-9F Cable	70001194
AccelePort Xr Universal PCI (3.3V & 5V) 8-Port RS-422 w/DB-25M Cable	70001199
AccelePort Xr Universal PCI (3.3V & 5V) 8-Port RS-422 w/DB-9F Cable	70001200
AccelePort Xr 920	
AccelePort Xr 920 Universal PCI (3.3V & 5V) 2-Port RS-232 DB-9M) On-Board	77000573
AccelePort Xr 920 Universal PCI (3.3V & 5V) 4-Port RS-232 w/DB-25M Cable	70001361
AccelePort Xr 920 Universal PCI (3.3V & 5V) 4-Port RS-232 (w/o cables)	77000560
AccelePort Xr 920 Universal PCI (3.3V & 5V) 8-Port RS-232 w/DB-25M Cable	70001362
AccelePort Xr 920 Universal PCI (3.3V & 5V) 8-Port RS-232 (w/o cables)	77000561
Accessories for AccelePort Xr	
4-Port DB-9M Straight Fan-Out Cable	76000003
4-Port DB-25M Straight Fan-Out Cable	76000008
4-Port DB-25M Straight Connector Box	76000030
4-Port RJ-45 Connector Box	76000038
4-Port DB-25F Straight Fan-Out Cable	76000006
8-Port DB-9M Straight Fan-Out Cable	76002042
8-Port DB-25M Straight Fan-Out Cable	76000021
8-Port DB-25M Straight Connector Box	76000031
8-Port RJ-45 Connector Box	76000033
8-Port DB-25F Straight Fan-Out Cable	76000019

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