

AccelePort® Xem

Multiport Serial Cards & Expansion Ports

Expandable serial communication solution provides fast, reliable serial connectivity at the lowest price per port.



Overview

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

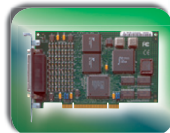
The AccelePort Xem is a flexible solution capable of connecting up to 64 RS-232 or RS-422 serial ports. The Universal PCI host adapter card has an on-board RISC-based processor that delivers up to 115.2 Kbps of throughput on each port. The Digi PORTS module provides access to eight or 16 serial ports and can be Ethernet-enabled using Digi's PortServer® II. The AccelePort Xem supports many popular operating systems.

This fast, reliable solution connects terminals, printers, modems, instruments and other serial peripheral devices. It is ideal for data acquisition, office and factory automation, industrial process control applications and many more.

Related Products



AccelePort® CX



AccelePort® Xr 920

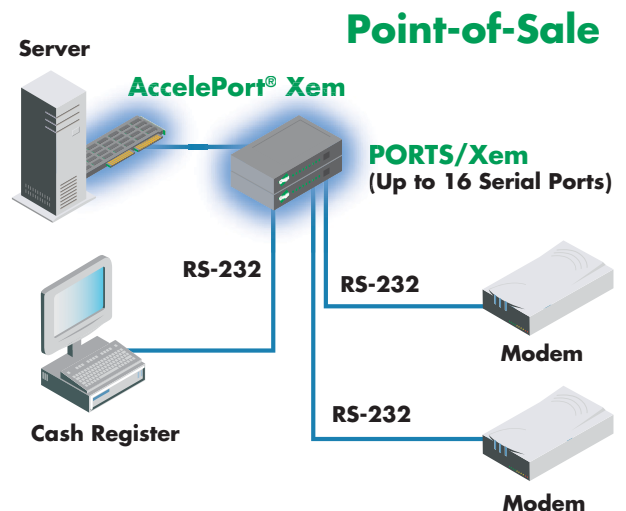


PortServer® TS 8/16



Edgeport®/8

Application Highlight



Features/Benefits

- Expandable up to 64 ports from a single host slot
- Universal PCI bus slot supports 3.3V and 5V
- Low profile PCI option
- 8- and 16-port concentrator boxes provide incremental expansion
- Delivers data speeds up to 115.2 Kbps
- Ideal for connecting modems, terminals, printers, instruments and other serial devices
- 1U 19-inch rack mount 16-port option



Specifications

AccelePort® Xem Host Card & Digi PORTS Modules

Features			
Operating Systems	Windows Server® 2003, Windows Server® 2008, Windows Vista®, Windows® 2000/XP, Linux®, Solaris™ Intel, Solaris™ SPARC, AIX, HP-UX, SCO® OpenServer™, SCO UnixWare		
Power Supply	Auxiliary power supply package required on modules 2, 3 and 4 when using 2 or more PORTS modules (PN 76000109 in North America or 76000321 for International)		
Other	1 host card supports up to 4 Digi PORTS modules for a maximum of 64 ports		
Environmental			
Operating 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)		
Regulatory Approvals			
Safety	UL 1950, EN60950, CSA 22.2, No. 950		
Emissions/Immunity	FCC Part 15 (Class B), EN55022 (Class B), ICES 003 (Class B), EN50082-2		
Product Type			
Product Type	AccelePort® Xem PCI Host		
Processor	On-board IDT 3081 RISC processor with patented Front End Processor/Operating System (FEP/OS)		
Throughput	Up to 115.2 Kbps per port		
Dimensions (L x W x H)	6.00 in x 0.50 in x 2.50 in (15.24 cm x 1.27 cm x 6.35 cm)		
Power Requirements	+5V +/-5% 0.43 Amps typical, plus module power drain		
PCI			
Card	Universal PCI (3.3V and 5V) bus, 1 host card (1 slot) supports up to four PORTS modules for a maximum of 64 ports		
PCI Slot	1 full-length 32-bit or 64-bit slot, one 3.3V or 5V slot required		
Compatibility	PCI/PCI-X		
Low Profile PCI Option	Yes		
Product Type			
Product Type	PORTS/8em RJ-45, PORTS/8em DB-25 & PORTS/16em RJ-45	PORTS/16em DB-25	PORTS/16em RJ-45 Rack
Serial Ports	RS-232	RS-232 or RS-422	RS-232
Serial Connector	RJ-45 or DB-25	DB-25	RJ-45
Surge Protection	All signals		
Power Supply	External Bus Interface (EBI) provides power to PORTS modules from bus Applications that use less than 16 ports do not need a power supply option		
Dimensions (L x W x H)	7.00 in x 12.00 in x 2.25 in (17.78 cm x 30.48 cm x 5.72 cm)	7.00 in x 12.00 in x 4.20 in (17.78 cm x 30.48 cm x 10.67 cm)	11.00 in x 17.50 in x 1.75 in (27.94 cm x 44.45 cm x 4.45 cm)
Weight	1.7 lb (0.78 kg)	3.8 lb (1.72 kg)	6.4 lb (2.9 kg)
Rack Mount	1U 19" rack option (76000611)	No option	1U 19" rack
Other	Compatible with PCI host card or PortServer II; Supports full modem control and handshaking (CTS, RTS, DSR, DCD) on all channels		

Visit www.digi.com for part numbers.

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