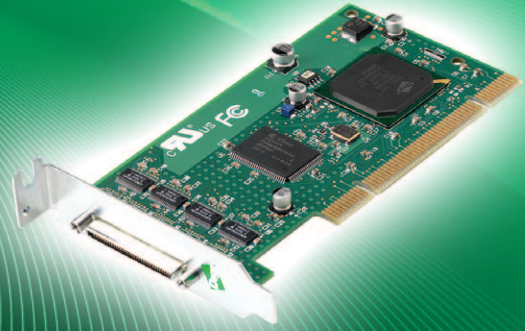


# AccelePort<sup>®</sup> Xp

## Multiport Serial Cards

Easy-to-use serial communication solution offers superior CPU utilization, fast bi-directional throughput and an unrivaled feature set.



## Overview

The AccelePort Xp delivers fast serial connectivity, broad application flexibility and superior CPU utilization. Designed to enhance multiuser implementations, this multiport serial card is ideal for applications requiring high performance and reliability, including point-of-sale, industrial control, data collection and office automation.

The AccelePort Xp has an Application Specific Integrated Circuit (ASIC) based upon an 80 MHz RISC processor. It offers 921.6 Kbps of bi-directional throughput on each serial port and has industry leading surge protection on each signal. This powerful communications adapter provides the highest level of intelligence and performance available on the market.

PortAssist<sup>®</sup> Manager, Digi's web-based management and reporting software, enables the AccelePort Xp to perform diagnostics, enhanced network administration and monitoring on most operating systems. Additional diagnostic and monitoring tools are available on supported UNIX operating systems.

### Target Applications



Utilities



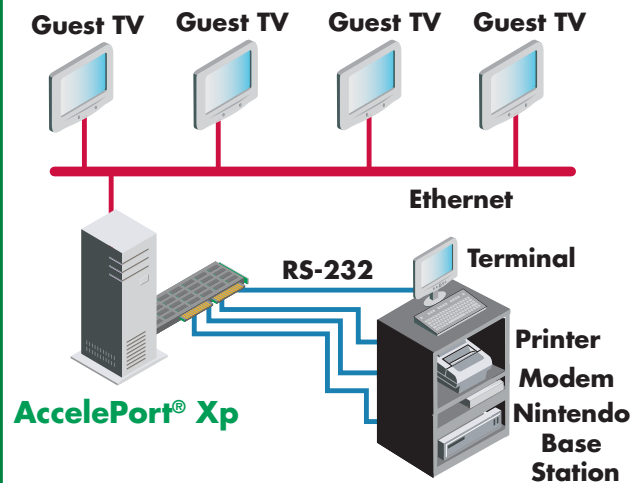
Retail/POS



Medical/Healthcare

### Application Highlight

#### Hospitality



### Features/Benefits

- 2 to 16 RS-232 serial connections for port configuration flexibility
- DB-9, DB-25 and RJ-45 connector options include on-board connectors, fan-out cables, external I/O boxes and rack-mountable chassis
- Low profile options for 4- and 8-port models
- External connections via a small SCSI HD-68 connector reduce cable clutter and increase reliability
- Universal PCI bus slot supports 3.3V and 5V
- PCI/PCI-X compatibility for ease of implementation
- Small form factor meets low profile PCI specifications
- Bus mastering design reduces CPU utilization



# Specifications

# AccelePort® Xp

	2-Port	4-Port w/ RJ-45 Connectors	4- and 8-Port	16-Port
<b>PCI</b>				
Card	Universal 3.3V and 5V PCI support			
Slot	32- and 64-bit PCI			
Compatibility	PCI 2.3/PCI-X			
Low-Profile PCI	No	No	Yes	No
<b>Interfaces</b>				
Serial Ports	RS-232			
Serial Connector	DB-9M	RJ-45	Single HD-68F; DB-25,RJ-45, DB-9 connector box with 6' HD-68M; 4' fan out cables for DB-25 and DB-9 (male or female)	Dual HD-68F; DB-25,RJ-45, DB-9 connector box with 6' HD-68M (2 needed); DB-25 or RJ-45 desktop or 19" rack mountable enclosures with 2 HD-68 connector cables
Throughput	921.6 Kbps			
<b>Features</b>				
Processor	80 MHz RISC processor			
Operating System	Sun® Solaris™ (SPARC/Intel®), Windows® 2000/XP, Windows NT®, Windows Vista®, Windows Server® 2003, Windows Server® 2008, AIX®, SCO® UnixWare®, HP-UX®, SCO® OpenServer™, Linux®			
Dimensions (L x W x H)	4.43 in x 0.725 in x 3.47 in (11.24 cm x 1.84 cm x 8.80 cm)	4.72 in x 0.725 in x 4.2 in (11.99 cm x 1.84 x 10.67 cm)	4.72 in x 0.725 in x 2.475 in (11.99 cm x 1.84 cm 6.29 cm)	4.72 in x 0.725 in x 4.2 in (11.99 cm x 1.84 cm x 10.67)
Weight	6.00 oz (0.19 kg)			
Other	Full modem control, Hardware/software handshaking			
<b>Power Requirements</b>				
Typical (+5V)	630 mA	640 mA		1.4A
Typical (+12V)	50 mA	100 mA		
Surge Protection	15 kV surge protection on all signals			
<b>Environmental</b>				
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%			
Altitude	0 to 12,000 feet (0 to 3660 meters)			
<b>Regulatory Approvals</b>				
Safety	EN60950, UL 1950, CSA 22.2 (No. 950)			
Emissions/Immunity	FCC Part 15 (Class B ), EN55022 (Class B ), EN55024, VCCI (Class B), AS3548, ICES-003 (Class B)			

Visit [www.digi.com](http://www.digi.com) for part numbers.

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