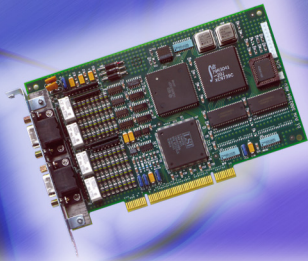
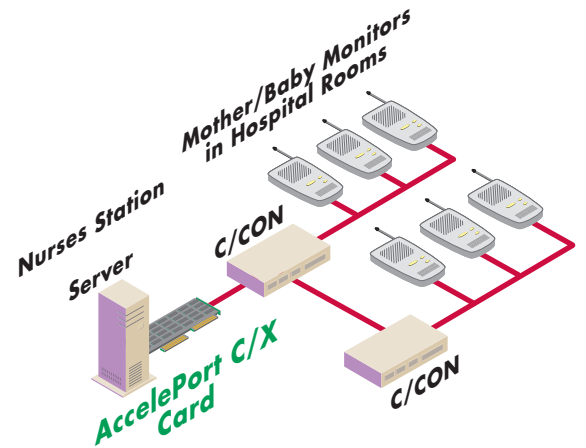


AccelePort® C/X

Multiport Serial Cards



If you think configuring a large-scale multiport system is a complex, time-consuming process—think again. Thanks to the AccelePort® C/X asynchronous concentrator, it is fast, simple and surprisingly flexible.



Features/Benefits

- > Supports up to 128 ports from a single slot, hundreds of ports from a single host
- > Delivers data transmission speeds up to 115.2 Kbps
- > Supports serial ports just about anywhere – throughout a building, across town or around the world
- > Configure and administer ports remotely, using synchronous modems, CSUs/DSUs, ISDN terminal adapters or fractional T1s
- > On-board processing relieves host CPU of communication bottlenecks
- > Available for PCI 3.3V or 5V (Universal Card)

Overview

The AccelePort C/X system supports multiuser retail Point-of-Sale (POS), office automation and data collection environments, providing a sophisticated blend of technologies, including an intelligent host adapter plus a desktop or rack mounted Digi C/CON Concentrator offering eight or 16 high-speed, surge-protected EIA-232 serial ports. System expansion is painless - just add more concentrators when you need more ports. A single AccelePort C/X host adapter, which includes a powerful on-board processor, can support up to eight C/CON Concentrators, providing up to 128 ports from a single slot on your server. And, depending on your host platform, you can install as many as eight AccelePort C/X host adapters, enabling a single host system to support hundreds of ports.

For ease of installation and optimum flexibility, the concentrators can be located up to 1,000 feet (305 meters) from the host server using standard EIA-422 cabling. A fiber optic cabling option allows you to locate your workgroups up to 1.25 miles (2 km) apart. This means that concentrators can be daisy-chained over a distance of up to 5 miles (8 km) with no loss of performance. Best of all, by using synchronous modems or multiplexer (mux), you can locate concentrators anywhere in the world and enjoy a seamless extension of your system. The perfect answer for remote office connections, these concentrators are a field-proven solution for supporting branch offices and isolated warehouses.

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, and quality since 1985.



Connectware™

www.digi.com

Making
DEVICE NETWORKING
easy

Features/Specifications

FEATURES

AccelePort C/X Host Adapters

- PCI Universal Card (3.3V/5V)
- 85C30 serial communications controller, fully supported by DMA, driving two full-duplex, surge-protected EIA-422 synchronous channels
- IDT 3041 RISC processor
- Hitachi 64570 serial communications controller
- Supports up to 3.7 Mbps bi-directional transmission speeds

AccelePort C/CON Concentrators

- Eight or 16 EIA-232 asynchronous channels with RJ-45 or DB-25 connectors
- 80186 processor on board in each concentrator
- One full-duplex EIA-422 synchronous 85C30 channel with full DMA support
- Pass-through fault tolerance
- Surge protection on all EIA-232 ports
- 120 V or 240 V power supply included, 50-60 Hz (Universal)
- Desktop or 19-inch rack chassis available
- Front panel display for testing, debugging and monitoring concentrator performance

REGULATORY APPROVALS

- FCC Part 15, Class B
- ICES-003, Class B
- EN55022, Class B
- AS3548
- EN50082-2
- UL 1950
- CSA 22.2 No. 950
- EN60950

POWER REQUIREMENTS

PCI Host Adapter

- +5 V +/- 5% .90 Amps typical
- +12 V +/- 5% .01 Amps typical
- -12 V +/- 5% .01 Amps typical

AccelePort C/CON-8 and -16 Concentrators

- 120 V or 240 V Power Supply included, 50-60 Hz (Universal)

AccelePort C/CON-16 Rack

- +12 V +/- 5% .18 Amps typical
- -12 V +/- 5% .05 Amps typical

OPERATING SYSTEMS

- AIX*
- HP-UX
- Linux
- Microsoft Windows .NET Server 2003
- Microsoft Windows XP, 2000, Windows NT®
- Novell NetWare®
- OpenVMS
- OS/2
- QNX
- SCO OpenServer
- SCO UnixWare
- SUN Solaris SPARC and Intel
- Tru64 UNIX

Most drivers ship with product on CD-ROM. Drivers and driver updates available on our Website at www.digi.com/drivers
*Requires P/N 70001385

ENVIRONMENTAL

- Ambient temperature: 10°C to 55°C (50°F to 131°F)
- Relative humidity: 5% to 90%
- Altitude: 0 to 3660 meters (0 to 12,000 ft)
- Air movement: 30 CFM forced

MODEL.....PART NUMBERS

Model	North America	International
PCI Host Adapter & Concentrators		
AccelePort C/X 8 RJ-45	70001171	70001172
AccelePort C/X 8 DB-25	70001229	70001230
AccelePort C/X 16 RJ-45	70001167	70001168
AccelePort C/X 16 DB-25	70001231	70001232
AccelePort C/X 16 Rack RJ-45 (1U-19")	70001175	70001176
AccelePort C/X Host Adapter Only	77000448	77000448
Additional Concentrator Boxes		
C/CON-8 RJ-45	76000216	76000217
C/CON-8 DB-25	76000218	76000219
C/CON-16 RJ-45	76000067	76000068
C/CON-16 DB-25	76000069	76000070
C/CON-16 Rack RJ-45 (1U-19")	76000147	76000158
Optional Accessories		
Cable, host adapter to EIA-232 sync modem	76000211	76000211
Cable, EIA-232 sync modem to remote concentrator	76000212	76000212
Fiber Optic Connection Adapter	76000071	76000107
Rack Chassis (2U-19")	76000611	76000611
RS/6000 Capability Kit*	70001385	70001385

*Call Digi sales representative for AIX solutions for RS/6000 platforms

DIMENSIONS

PCI Host Adapter

- Length: 6.875 in (17.5 cm)
- Width: 0.6 in (1.5 cm)
- Height: 4.2 in (10.7 cm)
- Weight: 5.45 oz (.15 kg)

C/CON-8 and -16 RJ45 Concentrators

- Length: 12 in (30.48 cm)
- Width: 7 in (17.8 cm)
- Height: 2.3 in (5.8 cm)
- Weight: 2.25 lbs. (1.02 kg)

C/CON-16 DB25 Concentrators

- Length: 12 in (30.48 cm)
- Width: 7 in (17.8 cm)
- Height: 4.2 in (10.7 cm)
- Weight: 4 lbs. (1.86 kg)

C/CON Rack

- Length: 17.5 in (44.45 cm)
- Width: 11.5 in (29.2 cm)
- Height: 1.75 in (4.44 cm)
- Weight: 7 lbs. (3.2 kg)

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. <http://support.digi.com>

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