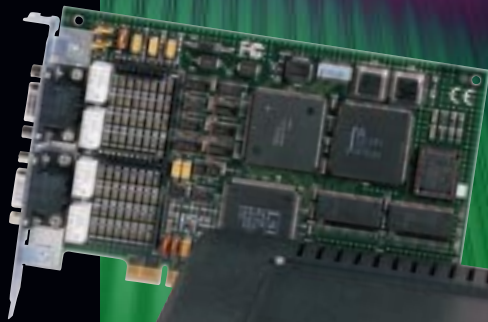


AccelePort C/X



- > 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
- > Available for PCI, ISA and RS/6000 platforms
- > On-board processing relieves host CPU of communication bottlenecks

If you think configuring a large-scale multiuser system is a complex, expensive process—think again. Thanks to the AccelePort® C/X asynchronous concentrator, it's not only simple, it's surprisingly affordable.

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. Supporting a wide range of platforms and

operating environments, the AccelePort C/X Family of asynchronous concentrators offer a choice of device driver software. Whether you're running Microsoft® Windows NT®, SCO® UNIX®, Linux®, or AIX, Digi's AccelePort C/X Family provides all the support you need.

For ease of installation and optimum flexibility, the concentrators can be located up to 1,000 feet (330 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, 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.

All this makes the AccelePort C/X a serial connectivity solution that will meet your most demanding expansion needs today and well into the future.



Connectability

The most
widely used
asynchronous
cluster
technology
in the world

FEATURES

AccelePort C/X Host Adapters - Both Models

- > PCI, ISA or RS/6000 platforms
- > 85C30 serial communications controller, fully supported by DMA, driving two full-duplex, surge-protected EIA-422 synchronous channels

ISA Host Adapters

- > 80186 microprocessor on board
- > Supports two 1.2 Mbps bi-directional transmission speeds

PCI Host Adapters

- > 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
- > 128 K SRAM
- > 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
- > Two LEDs provide input and output flow control information for any port you select
- > Reporting capabilities include Activity Display, Line Utilization, Processor Utilization, Packet Count and Error Count

REGULATORY APPROVALS

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

* PCI and Rack Systems, Class B

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/Part Numbers	North America	International
ISA		
AccelePort C/X 8 RJ-45	# 70001083	# 70001097
AccelePort C/X 8 DB-25	# 70001177	# 70001178
AccelePort C/X 16 RJ-45	# 70000670	# 70000671
AccelePort C/X 16 DB-25	# 70000743	# 70000744
AccelePort C/X 16 Rack RJ-45	# 70000889	# 70000896
AccelePort C/X Host Adapter Only	# 77000216	# 77000216
PCI		
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	# 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	# 76000147	# 76000158

Call Digi sales representative for AIX 4.x solutions for RS/6000 platforms

OPTIONAL ACCESSORIES

Remote Cabling Options

- > Host adapter to EIA-232 synchronous modem
- > EIA-232 synchronous modem to remote concentrator

Rack Mount Options

- > 19-inch Rack Chassis-2U for C/CON-8 (RJ-45 and DB-25) and C/CON-16 (RJ-45 only)

POWER REQUIREMENTS

ISA and EISA Host Adapters

- > +5 V +/- 5% .550 Amps typical
- > -12 V +/- 5% .095 Amps typical
- > -12 V +/- 5% .550 Amps typical

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 SYSTEM COMPATIBILITY

- | | |
|--------------------------|---------------------|
| > AIX | > OS/2 |
| > Digital OpenVMS | > QNX |
| > Digital UNIX | > SCO OpenServer™* |
| > HP-UX | > SCO UnixWare™* |
| > Linux | > SUN Solaris® x86 |
| > Microsoft Windows NT®* | > SUN Solaris SPARC |
| > Novell NetWare®* | > UNIX SVR4* |

* Drivers ship with product on CD-ROM. For an updated list of software support via Digi and Third Party vendors, please contact your Digi sales representative or visit Digi's web site (www.digi.com)

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support, a strong five-year warranty and a 30-day money-back guarantee.

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Connectability