



Versatile, Reliable high speed serial connectivity

Features and Benefits

- Support speeds up to 921 Kbps
- ISA and PCI solutions
- Flexible solutions with 4 to 16 ports
- ESD protection for peace of mind
- Range of connection options
- Lifetime warranty for security and peace of mind

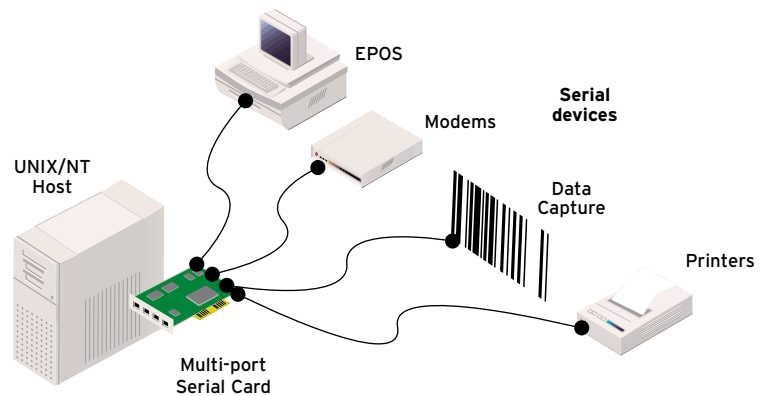
Applications:

- Connecting EPOS devices
- Access serial devices for manufacturing process control
- Connectivity for Data Acquisition
- Connect modem pools for dial-in/dial-out purposes

When an application requires a fixed count of local serial ports, Perle has the solution. With a range of cards offering high performance at a low price Perle is the partner of choice. The cards have 4 to 16 fixed ports and support all major operating systems. (For scalable solutions please see Perle's SX and RIO range.)

Legacy Support

For legacy ISA applications Perle offers the AT-Fast and IO8+ cards. The AT-Fast comes with 4, 8 or 16 high-speed ports with a number of connectivity options. The IO8+ ISA and PCI are ideal for POS solutions as they provide 8 on-board RJ12 ports.



High Performance

For today's high-speed applications such as modem pooling, Perle offers the Speed 4 and PCI-Fast cards.

Speed 4 comes in two versions. Speed 4+ offering high performance and Speed 4 which is aimed at cost conscious applications.

PCI-Fast offers 4, 8 and 16 high-speed ports with a number of connectivity options.

For Windows NT or 2000 systems Perle also provides a graphical application (PortDirector) to view configuration and statistical information.

Multiple Applications

Perle's Multi-port cards are extremely flexible solutions capable of supporting a number of different applications including:

- RAS – provide high speed, reliable connectivity to modem pools
- POS and Data Acquisition – connect various devices such as barcodes, scanners, weigh scales, tills, etc...
- Printers and terminals – provide connectivity for serial printers and dumb terminals

Class Leading Support and Warranty

The Perle Multi-port Cards are backed by the best service and support in the industry including Perle's unique lifetime warranty.

Technical Specifications

Connectivity

PC Bus Architecture

- half-length ISA or PCI cards

Performance

- IO8+ up to 115 Kbps
- AT-Fast up to 460 Kbps
- PCI-Fast up to 460 Kbps
- Speed 4 up to 115 Kbps
- Speed 4+ up to 921 Kbps

Ports

AT/PCI-FAST

- 4 x RJ45 on back-plane
- 4 x RJ45 to DB25 (converter cables)
- 8 x RJ45 (pc card to 8 x RJ45 port cable)
- 8 x DB25 octopus cable (DTE, female)
- 8 x DB25 octopus cable (DTE, male)
- 8 x DB9 octopus cable (DCE, male)
- 8 x DB25 distribution box (DTE, female)
- 16 x DB25 distribution box (DTE, female)

IO8+

- 8 x RJ12/11 on back-plane
- 8 x RJ12 to DB25 female DCE cables
- 8 x RJ12 to DB25 male DTE cables

Speed 4

- 4 x 8 pin RJ45 (Speed 4) on back-plane
- 4 x 10 pin RJ45 (Speed 4+) on back-plane

Buffering

- PCI and AT-FAST 64 byte FIFO
- Speed 4/4+ 128 byte FIFO

Signal support

- FG, SG, TXD, RXD, RTS, CTS, DTR DCD*, DSR**, RI (on Speed 4+ only)

*DCD & DSR not on 16 port variants

**DSR not on IO8+

Approvals

- All products – EN55022 class B, EN50082-1, FCC A, CE, CTick IO8+PCI – FCC B

Software

Supported Operating System Drivers

- Linux
- SCO 3.2.4.x
- Sun Solaris
- SCO OpenServer
- SCO UnixWare
- Windows 2000

- Windows NT
- Windows 98/95

Warranty:

- Limited lifetime warranty

Free Software

- Perle provides free software upgrades to registered users via Perle's Web site. www.perle.com/downloads

Visit the Perle Web site for up-to-date support and availability information.

www.perle.com/products

Ordering Information

For Product Codes and Model Descriptions, please visit Perle's Web site at www.perle.com/products and select Product Family Multi-Port Serial Cards

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