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perle

Essential Network Connectivity

ULTRAPORT SI

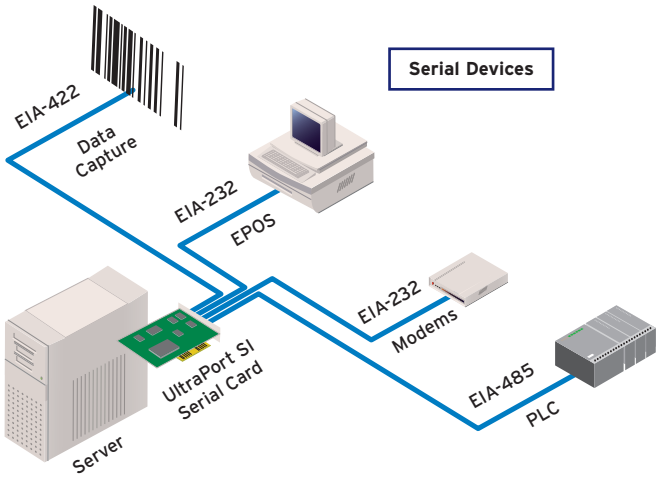
Perle EIA-232/422/485 Serial Cards



Perle UltraPort SI is the ideal solution for applications where multiple serial interface types and a fixed number of local ports is required. With 1 to 16 software selectable serial ports, the Perle UltraPort SI range offers flexibility, high performance, excellent throughput and reliable solutions that completely outperforms the competition.

Overview

The Perle UltraPort SI PCI cards are the most advanced serial card solutions on the market today providing a complete range of solutions for retail point of sale, data acquisition, industrial automation, advanced kiosk design and much more. Perle UltraPort SI with software selectable interfaces, provides the ability to make dynamic configuration changes between EIA-232, EIA-422 and EIA-485 without having to take down the server. This ensures maximum availability for mission critical operations.



A wide variety of DB9, DB25, and RJ45 cables and connector boxes support the most popular pin-outs from Specialix International, Chase Research and Digi International. As you upgrade servers and cards to the latest PCI standard, only Perle can ensure you don't spend valuable budget allocations on re-cabling costs.

Class Leading Support and Warranty

The Perle UltraPort Multi-port Cards are backed by the best service and support in the industry, including Perle's unique lifetime warranty. Choose Perle for the highest levels of performance, flexibility and quality since 1976.

Versatile, Reliable high speed serial connectivity

Features and Benefits

- Software Selectable EIA-232/422/485 interfaces
- Low Profile options
- Speeds up to 3.6Mbps
- Universal 3.3/5v PCI bus slot support
- PCI-X compatible
- Flexible solutions with 1, 2, 4, 8 or 16 ports
- 25KV ESD surge protection for peace of mind
- Full modem control and hardware/software flow control
- Wide range of Specialix, Chase and Digi cabling and connection options
- Lifetime warranty for security and peace of mind

Applications:

- Connecting EPOS devices for Retail Point of Sale
- Access serial devices for factory, industrial and warehouse automation
- Connectivity for Data Acquisition in Kiosk's and multi-user work groups
- Connect modem pools for remote access dial-in/dial-out

PCI 3.3V-5V Universal Card

CHASE RESEARCH Specialix

PRODUCTS FROM PERLE

Technical Specifications

Features

- Software Selectable EIA-232/422/485 interfaces
- Low Profile form on 1,4 and 8 port models
- Speeds up to 3.6Mbps on EIA-422/485 and up to 921.6 Kbps on EIA-232
- Universal 3.3/5v PCI Bus slot support
- PCI 3.0 and backward compliant
- PCI-X compatible
- Compatible with 32 and 64 bit PCI slots
- Full modem control
- Hardware and software flow control
- 25KV ESD surge protection across all ports
- 64 byte write and 64 byte read FIFOs

Connectors

- UltraPort1 SI-LP: 1 on-board DB9M on low profile card
- UltraPort2 SI: 2 on-board DB9M
- UltraPort4 SI-RJ45: 4 on-board RJ45
- UltraPort4 SI-LP: Single VHDCI-68 connector on low profile card
- UltraPort8 SI-LP: Single VHDCI-68 connector connector on low profile card
- UltraPort16 SI: Dual VHDCI-68 connectors
- VHDCI-68 - Connector Options include DB9, DB25 and RJ45 connector boxes and fan-out cables with Specialix International, Chase Research and Digi International standard pin-outs

Signal support

TXD, RXD, RTS, CTS, DTR, DCD, DSR, RI

Approvals

- IEC 60950
- EN 60950
- ANSI/UL 60950
- EN 55024
- FCC Part15 ,Class B
- EN55022 Class B
- CAN/CSA 22.2, No.60950
- ICES-003, Class B

Supported Operating System Drivers

- Linux
- Sun Solaris
- SCO OpenServer
- SCO UnixWare
- Windows®2000
- Windows®NT
- Windows®XP
- Windows®95/98
- Windows®Server 2003

Power Requirements

- UltraPort1 SI-LP:
  +5V +/-5% 300mA
  -/+12V +/-5% 5mA
- UltraPort2 SI:
  +5V +/-5% 410mA
  -/+12V +/-5% 10mA
- UltraPort4 SI:
  +5V +/-5% 800mA
  -/+12V +/-5% 20mA
- UltraPort8 SI:
  +5V +/-5% 1500mA
  -/+12V +/-5% 30mA
- UltraPort16 SI:
  +5V +/-5% 3000mA
  +12V +/-5% 65mA

Dimensions:

- UltraPort1 SI-LP: 56mm (H) x 120mm (L)
- UltraPort2 SI: 88mm (H) x 132mm (L)
- UltraPort4 SI-RJ45: 88mm (H) x 132mm (L)
- UltraPort4 SI-LP: 56mm (H) x 168mm (L)
- UltraPort8 SI-LP: 56mm (H) x 168mm (L)
- UltraPort16 SI: 98.5mm (H) x 188mm (L)

Warranty:

- Limited lifetime warranty

Technical Support

End User

- Free 60 day access to Perle's hotline technical support for all registered new products.
  www.perle.com/support/warranty_reg.html

Value Added Resellers / Distribution Partners

- Free access to Perle's hotline technical support for all registered partners.
  www.perle.com/partners/index.html

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- 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

Perle products available from:

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Essential Network Connectivity

Perle Systems Inc.
830 Fesslers Parkway, Suite #106
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www.perle.com

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Tel. 800 GO PERLE
Fax 615 748 1678
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