



### Versatile, Reliable high speed serial connectivity

#### Features and Benefits

- Bi-directional speeds up to 921.6 Kbps on all ports
- Universal 3.3/5v PCI bus slot support (PCI 2.3 compliant)
- PCI-X compatible
- Flexible solutions with 1, 2, 4, 8 or 16 ports
- 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

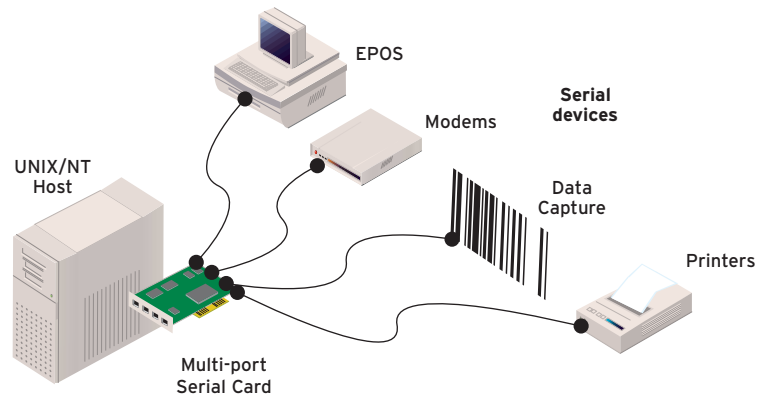
#### Applications:

- 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

Perle UltraPort is the ideal solution for applications where a fixed count of local serial ports is required. With 1 to 16 RS-232 serial ports, the Perle UltraPort range offers high performance, excellent throughput and reliable solutions that rival the competition. (For scalable solutions please see Perle's SX and RIO range.)

#### Overview

The Perle UltraPort Universal 3.3/5v PCI cards are the most advanced serial card solutions on the market today providing a flexible range of solutions for retail point of sale, data acquisition, office automation, advanced kiosk design and much more. Perle UltraPort communicates at bi-directional speeds up to 921.6 Kbps per port with the highest standard of surge protection available to ensure the reliability and security of your data.



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 1975.

## Technical Specifications

### Features

- Half-length PCI cards with 1, 2, 4, 8 or 16 RS232 ports
- Speeds up to 921.6 Kbps per port
- Universal 3.3/5v PCI Bus slot support
- PCI 2.3 compliant and PCI-X compatible
- Full modem control
- Hardware and software flow control
- Industry standard ESD surge protection across all ports
- 64 byte write and 64 byte read FIFOs

### Connectors

- UltraPort1: 1 on-board DB9M
- UltraPort2: 2 on-board DB9M
- UltraPort4: 4 on-board RJ45
- UltraPort8i: on-board RJ12
- UltraPort8: Single HD-68 female connector
  - Connector Options include DB9, DB25 and RJ45 connector boxes and fan-out cables with Specialix International, Chase Research and Digi International standard pin-outs
- UltraPort16: Dual HD-68 female connectors
  - 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

### Power Requirements

- UltraPort1, 2:
  - +5V +/-5% 140mA
  - +12V +/-5% 60mA
- UltraPort4:
  - +5V +/-5% 320mA
  - +12V +/-5% 220mA
- UltraPort8, 8i:
  - +5V +/-5% 400mA
  - +12V +/-5% 420mA
- UltraPort16:
  - +5V +/-5% 520mA
  - +12V +/-5% 550mA

### Dimensions:

- UltraPort1: 98.44mm (H) x 139.69mm (L)
- UltraPort2: 98.44mm (H) x 139.69mm (L)
- UltraPort4: 98.44mm (H) x 139.69mm (L)
- UltraPort8: 98.44mm (H) x 139.69mm (L)
- UltraPort8i: 98.44mm (H) x 139.69mm (L)
- UltraPort16: 98.44mm (H) x 187.92mm (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](http://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](http://www.perle.com/partners/index.html)

#### Free Software

- Perle provides free software upgrades to registered users via Perle's Web site.  
[www.perle.com/downloads](http://www.perle.com/downloads)

Visit the Perle Web site for up-to-date support and availability information.  
[www.perle.com/products](http://www.perle.com/products)

#### Ordering Information

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



**Headquarter Germany:**  
SPHINX Computer Vertriebs GmbH  
Phone: +49 (0) 6201 75437  
[www.sphinxcomputer.de](http://www.sphinxcomputer.de)  
[mail@sphinxcomputer.de](mailto:mail@sphinxcomputer.de)

**Subsidiary France:**  
SPHINX Connect France  
Phone: +33 (0) 2 51 09 26 60  
[www.sphinxconnect.com](http://www.sphinxconnect.com)  
[mail@sphinxconnect.com](mailto:mail@sphinxconnect.com)

**Subsidiary Germany:**  
SPHINX Connect GmbH  
Phone: +49 (0) 711 7287 5750  
[www.sphinxconnect.de](http://www.sphinxconnect.de)  
[mail@sphinxconnect.de](mailto:mail@sphinxconnect.de)

**Branch Office Belgium**  
Phone: +32 26 39 39 48  
[www.sphinxconnect.com](http://www.sphinxconnect.com)  
[benelux@sphinxconnect.com](mailto:benelux@sphinxconnect.com)

**Subsidiary Austria:**  
S-Connect Vertriebs GmbH  
Phone: +43 (1) 504 84 78 0  
[www.s-connect.at](http://www.s-connect.at)  
[mail@s-connect.at](mailto:mail@s-connect.at)

**Branch Office Spain**  
Phone: +34 913 109 823  
[www.s-connect-espana.com](http://www.s-connect-espana.com)  
[mail@s-connect-espana.com](mailto:mail@s-connect-espana.com)

**Subsidiary Great Britain:**  
S-Connect Ltd.  
Phone: +44 (0) 1276 203 10  
[www.s-connect.ltd.uk](http://www.s-connect.ltd.uk)  
[mail@s-connect.ltd.uk](mailto:mail@s-connect.ltd.uk)

**Sales Partner Switzerland:**  
VISONET AG  
Phone: +41 41 768 05 80  
[www.visonet.ch](http://www.visonet.ch)  
[info@visonet.ch](mailto:info@visonet.ch)