

UltraPort PCI Serial Card | Serial Port Cards

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UltraPort Serial Cards

PCI Serial RS232 Cards

The Perle UltraPort serial cards are the ideal solution for applications where a fixed count of local serial ports is required. With 4, or 16 RS232 serial ports, the Perle UltraPort exceeds major competitors for performance, throughput, and reliable connectivity.



Features and Benefits

- Operates with all major Windows, Vista, Linux, Solaris and SCO Unix operating systems
- 32 and 64 bit driver support
- Bi-directional speeds up to 921.6 Kbps on all ports
- Universal 3.3v/5v PCI bus slot support (PCI 2.3 compliant)
- PCI-X compatible
- Flexible solutions with 4 or 16 serial ports
- 15kV ESD provides protection against electrostatic discharges and power surges
- Full modem control and hardware/software flow control
- Wide range of Specialix, Chase and Digi cabling and connection options
- Reach, RoHS and WEEE Compliant

The Perle UltraPort Universal 3.3v/5v PCI and PCI-X serial cards are the most advanced fixed port serial card solution 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, and offers the highest standard of surge protection available, ensuring the reliability and security of your data.

- *Retail Point of Sale:* Cash registers, receipt printers, bar code scanners, etc. need to be connected to back office servers
- *Medical:* Connect bed-side health monitors in hospitals to central nurse stations.
- *Transportation:* Connect Automatic Vehicle Identification (AVI) Equipment, Radar, Infrared Vehicle Scanners, Receipt printers and message signs in Toll Collection Systems
- *Manufacturing:* Access serial devices for factory, industrial and warehouse automation
- *Kiosks:* Connect internal modems, touch screens, receipt printers, keyboards, etc inside coin counting machines, gas station pay stations and airport check-in's
- *Education:* Access control (door entry) systems with 100's card and/or badge readers, monitor computer room usage
- Connect modem pools for remote access dial-in/dial-out

Class Leading Support and Warranty

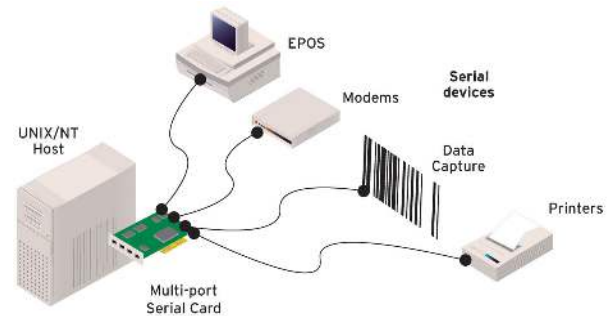
Perle UltraPort Serial Cards are backed by the best service and support in the industry, including Perle's unique lifetime warranty. Since 1976 Perle has been providing its customers with networking products that have the highest levels of performance, flexibility and quality.

Click diagram for larger picture

HTSUS Number: 8517.62.0050 ECCN Code: 5A991

Supported Operating System Drivers: Download

- Linux 3.x, 2.6.x, 2.4.x, 2.2.16+ (32 / 64 Bit)
- Solaris (x86 and SPARC 32 / 64 Bit)
- SCO OpenServer
- SCO UnixWare
- Windows® Server 2016
- Windows® 10
- Windows® Server 2012 R2
- Windows® 8.1 (32 / 64 Bit)
- Windows® Server 2012
- Windows® 8 (32 / 64 Bit)
- Windows® Server 2008 R2
- Windows® Server 2008 (32 / 64 Bit)
- Windows® Server 2003 (32 / 64 Bit)
- Windows® 7 (32 / 64 Bit)
- Windows® Vista (32 / 64 Bit)
- Windows® XP (32 / 64 Bit)
- Windows® 2000
- Windows® NT
- Windows® 95, 98



Connectors

UltraPort4-LP: Single VHDCI-68 connector on low profile card

UltraPort16: Dual VHDCI-68 female 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

Serial Port Protection:

15Kv Electrostatic Discharge Protection (ESD)

Signal Support:

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

Host Interface:

- 32 Bit PCI Bus
- PCI 2.1 3.3/5v
- Full PCI plug and play compliant
- Single interrupt per card
- Up to 4 cards per host

Power Requirements:

UltraPort 4

+5V +/-5% 320mA

+12V +/-5% 220mA

UltraPort 16

+5V +/-5% 520mA

+12V +/-5% 550mA

Dimensions:

UltraPort4-LP: H: 64.35mm x L:119.67mm

UltraPort16: H: 98.44mm x L:187.92mm

Environmental:

- Operating temperature: 0° to 55° C
- Storage temperature: -40° to 66° C
- Relative Humidity: 10 to 90%, non-condensing

Approvals:

IEC 60950

EN60950-1:2001 + A11:2004

ANSI/UL 60950



EN55024:1998 + A1:2001 + A2:2003

FCC Part15 ,Class B



EN55022:1998 + A1:2000 + A2:2003 Class A

CAN/CSA 22.2, No.60950

ICES-003, Class B

Product Image	Description	Power Cord	Product Number
	UltraPort4 - Card only, requires fan out cable or connection box for 4 RS232 serial ports, low profile Universal 3.3v/5v PCI serial card with standard bracket, 921Kbps/port wire speed, Enhanced modem support, 15kV ESD. Low profile bracket	None	04002040
	UltraPort16 - Card only, requires 2 x fan out cable for 16 RS232 serial ports, standard height Universal 3.3v/5v PCI serial card, 921Kbps/port wire speed, Enhanced modem support, 15kV ESD	None	04001680

Accessories

Accessory Image	Description	Model Number	Accessory Number
Serial Card - Accessories			
	UltraPort 8-port RJ45 10pin Connector Box. For use with 8 port UltraPort, SpeedLE cards and the UltraPort16.	UPRJ45 Con Box	04001770
 NO IMAGE AVAILABLE	4-port DB25 Male DTE Fan-out cable. Length is 48 in (122cm). For use with For use with 4 port UltraPort and SpeedLE serial cards	UP4 DB25M FanCable	04002000

Accessory Image	Description	Model Number	Accessory Number
 <p data-bbox="191 516 358 579">NO IMAGE AVAILABLE</p>	4 pack of #04002000 4-port DB25 male DTE fan-out cables	UP4 DB25M cable pck	04031190