



Adapter Card with Multiple Device Concentrators

Fast, Intelligent, Expandable Connectivity From 8 To 128 Serial Devices

Applications:

- RAS for NT
- Internet Service Providers
- Corporate Remote Access
- Retail EPOS
- Industrial Process Control
- Dial Out Modems
- Printing

Industries:

- Hotel/Leisure Management
- Banking/Finance
- Manufacturing
- Real Estate
- Telecommunications
- Science
- Others

SX+

Modular Connectivity For Serial Devices

The SX+ range is designed for multi-user systems and remote access server (RAS) environments, where high performance, reliable and expandable serial communications solutions are required.

The SX+ provides users of applications based either on UNIX/Linux or Windows®2000 and NT operating systems with an intelligent, expandable connectivity system for 8 to 128 serial devices such as modems, printers, E-POS devices and industrial control and management peripheral devices.

The SX+ range consists of an adapter card, (which installs inside a server), and external 8 port SX Device Concentrators available with a range of connectors for RS232, RS422 and parallel printer applications. The system is easily expandable up to a maximum of 32 ports when 4 Device Concentrators are used. Up to 4 adapter cards can be installed per system giving a total of 128 ports.

With fully balanced throughput across multiple ports, each configurable up to a maximum of 921.6 Kbps/sec., the SX+ is a high performance solution ideally suited for ISP and enterprise remote access applications. Full modem control combined with hardware/software flow control ensures total data integrity even from remote sites. In addition, to ensure exceptional reliability in harsh environments, all signals, on every port, are ESD protected as standard.

The SX+ PCI Host Card is PCI SIG 2.1 compliant and approved for 2000 and NT environments. Installation and configuration is quick and simple with software and documentation supplied on CD-ROM. Windows® 2000 and NT users benefit from PortDirector, a graphical configuration and monitoring utility included with the NT driver.

Perle's technical support specialists provide worldwide multi-lingual support to resellers, System Integrators, VARs and end users

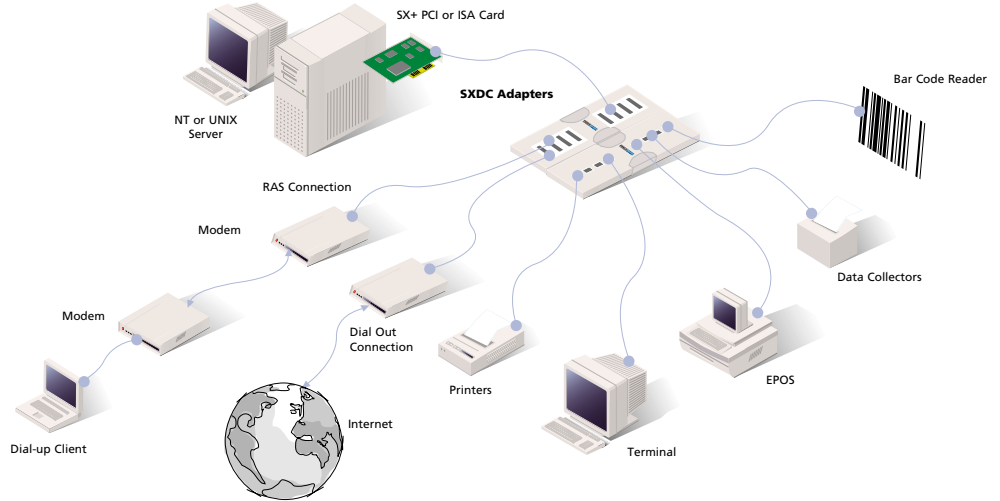


Technical Specifications

Operating System Support

The SX+ is supplied with device drivers and utilities for Linux, SCO OpenServer 5, SCO UnixWare 2, SCO UnixWare 7, SUN Solaris x86, Windows®2000, Windows®NT 4.0

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



Expandability

The SX+ adapter card will support 8 to 32 devices via 8 port external Device Concentrators. A maximum of 4 Device Concentrators may be attached per adapter card. Up to 4 adapter cards may be installed per system depending on system resource available. The number of ports can be expanded without additional software or re-installation.

Adapter Cards

The SX+ PCI adapter card, uses on board 32 bit processing to deliver over 7 Mbps of throughput and very low server overhead. Connection to the Device Concentrators is via a 5 foot extension cable.

Device Concentrators

- All options are available as standard with ESD protection up to 15KV through air on all pins.
- PIN signals for both RS232 & RS422: RD, TD, GND, RTS, CTS, DTR, DSR, DCD, RI (DB25 only).
- Dimensions of Device Concentrator: (h) .97", (l) 12.09", (w) 3.93". Units can be desk or wall mounted.

Warranty

- 5 years

Approvals

- EMC: CE EN550022 Class A, EN-50082-1, EN-50082-2 (Industrial); FCC A.
- Safety: CSA 22.2.950, NRTL/C, IEC 950, EN60950.
- Immunity : EN50024

Environmental

Model	Power
SXDC8	8 Ports idle - 0.3 A @ 5 volts 8 Ports @ 921 Kbps/sec 0.4 A @ 5 volts
SX+PCI-Adapter	0.75 A Max @ 5 volts

Power Requirements

- Operating Temperature: -32°F to 150°F
- Storage Temperature: -22°F to 170°F
- Operating Humidity: 5 to 95% RH (non-condensing)
- Storage Humidity: 5 to 95% RH (non-condensing)

Packaging

- Driver software and manuals on CD-ROM
- Quick Start guide



For more information, contact your Perle authorized reseller

Ordering Information

Product Order Code and Model Description

- SXDC8/DX** 8 RS232 DB25 Female
- SXDC8/RJX** 8 RS232 RJ45 Female
- SXDC8/PX** 7 RS232 DB25 and 1 parallel DB25 Female
- SXDC8/MX** 8 RS232 DB25 Male

- SXDC8/422DX** 8 RS422 DB25 Female
- SX+PCI** PCI Card for up to 4 SXDC8s (8-32 ports)

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