

SX-2933 PocketPro

Print Server



The SX-2933 PocketPro multiprotocol print server ideal for connecting any parallel printer to a 10baseT/100baseTX network. It is designed for Enterprise Printer Connectivity environments, but it is also a cost-effective solution for SMB (Small Medium Business) and SOHO (Small Office Home Office) applications. The SX-2933 PocketPro is very easy to use, and is suitable for any application that requires reliability, performance, manageability and great support. It provides flexible printer placement and it works with all popular computers and network operating systems. The SX-2933 PocketPro is based on field-proven silex print server technology that is used at major customer sites throughout the world.

Why SX-2933 PocketPro

Superior Performance

The SX-2933 PocketPro can increase users productivity by shortening their print waiting times. Now IT managers can avoid buying a faster printer by fully utilizing their existing printer speeds. When it comes to printing graphics documents, with a throughput of nearly one megabyte per second, the SX-2933 PocketPro can handle the toughest jobs in the shortest amount of time.

Flexible Solution

The SX-2933 PocketPro is printer independent, allowing you to connect any parallel printer to the network. This gives you the flexibility to implement printers that meet your needs without being concerned about network print services. In addition, you can print simultaneously from multiple network protocols, providing the performance, flexibility and convenience required in today's diverse network printing environments.

Integration With Your Printer Management Strategy

silex print servers deliver built-in compatibility with your choice of enterprise, LAN or user management tools. Open Management Architecture provides the ability to monitor printers at any management level with unprecedented ease and vision. No matter what your network management plan, silex will support your strategy.

Technical Specifications:

Mechanical

- Size: 8.6 x 6.5 x 2.9 cm (3.4 x 2.6 x 1.1 inches)

Electrical:

- Input power: 350mA@5VDC

I/O:

- IEEE P1284 bidirectional Centronics-compatible parallel
- 10baseT/100baseTX Auto-Sensing Ethernet

Environmental:

- ROHS Compliant

Temperature:

- Operating temperature: 0o to 50o C
- Storage temperature: -20o to 60o C
- Maximum temperature change per hour: 20o C

Altitude:

- Operating: 3.1 km
- Storage: 9.1km

Relative Humidity:

- Operating: 10% to 90% non-condensing (40 to 60% recommended)
- Storage: 10% to 90% non-condensing

Network Ports:

- Supports standard Ethernet/Fast Ethernet connections: twisted-pair RJ45 (10/100Base-T)

Output Port (all models):

- 1 Bidirectional, IEEE-1284 Centronics parallel port

Operating System and Protocol Support

TCP/IP and Windows

- Supports lpr/lpd network printing protocol
- Supports raw printer port (for example, Port 9100)
- Supports NetBIOS over IP and NetBEUI
- Supports telnet and ftp
- Supports SNMP V1, MIB I & II
- Supports IPP protocol (Internet printing)
- Supports peer-to-peer printing (direct printing) via the Microsoft DLC, TCP/IP or IPX/SPX protocols with ExtendNet Connect

Macintosh and EtherTalk

- Supports Macintosh System 6.X, 7.X, 8.X, 9.X, MacOS 10.X
- Supports EtherTalk Phase 2
- Supports Apple LaserWriter driver 8.X and above (PostScript printer required)
- Supports PostScript-compatible laser printers
- Supports most HP, Epson, and Canon inkjet printers

NetWare

- IPX/SPX
- Simultaneously supports Novell NetWare, NDS & NDPS
- Supports NDPS via Novell's Generic Gateway or HP's Printer Gateway
- Supports packet signatures, checksums and aliasing
- Supports dedicated print server and remote printer modes
- Supports encrypted passwords
- Supports up to eight file servers and up to 32 queues
- Supports automatic file server reattachment

NetBEUI

DLC/LLC

DEC LAT

SX-2933 PocketPro Print Server Management Tools

Enterprise Management Tools

- Supports any PC-based SNMP application (For example, HP OpenView, IBM NetView and Sun SunNet Manager)
- Supports Private MIB

Security

- 802.1x
- EAP-TLS
- EAP-TTLS
- EAP-LEAP
- EAP-PEAP
- EAP-FAST
- SSL secure HTTPS and STelnet configuration
- Encrypted printing with AES, 3DES, Twofish-access control lists

LAN Administration Tools

- *ExtendView Utilities* – silex utilities which provide simple configuration and management capabilities. ExtendView also displays system, network and printer status information via SNMP traps
 - ExtendView for TCP/IP
 - ExtendView for NDS (snaps into Novell NWAdmin)
 - ExtendView for NetWare
 - ExtendView for UNIX (Linux 2.0.34, Solaris 2.6, SunOS 4.1.3, HP-UX 10.20)
- *NetworkAlert™ Utilities* – silex utilities which assist in managing network printers by proactively alerting you of printer problems via SNMP traps. Integrates into ExtendView for advanced diagnostic and configuration information
- *WebXAdmin* – Web Browser allows print server configuration and management
- *HP JetAdmin* and *HP Web JetAdmin* – allows print server configuration and management
- *Novell ManageWise*

User Printing Status and Monitoring

- *HP JetAdmin* and *Web JetAdmin* for printer and print server status information
- *WebXAdmin* for printer and print server status information

Other Features

- Can pull power from printers that supply 5V 350 mA Pin 18 of parallel port LED's to indicate power-on, link, activity
- *lpd-Plus* virtual printer capability (allows complex user-defined setup and reset strings configurable on a per-service basis)
- Text-to-PostScript conversion on a per-service basis
- Programmable character string conversion
- IP security (ability to restrict access to print server based on IP address)
- Configurable TCP port numbers on a per-service basis
- IP address configuration via serial port, arp, rarp, DHCP, BOOTP, silex ExtendView utility, HP JetAdmin/ Web JetAdmin, NetWare, and DEC MOP
- Automatic detection of NetWare frame type or frame type can be forced
- AppleTalk "spoofing" for support of non-bidirectional PostScript printers
- AppleTalk binary printing (requires that printer supports the HP Tagged Binary Communications Protocol or can be forced into binary mode)
- On-line HELP
- Sophisticated diagnostics, including protocol trace capability and crash dump
- Connects one parallel printer anywhere on your Ethernet or Fast Ethernet network
- Compatible with your choice of enterprise, LAN or user management tools
- Flash memory allows for easy upgrades
- Simultaneous support for Netware, Unix, Linux, Windows and Macintosh operating systems using virtually any protocol
- All protocols are active simultaneously
- Supports any parallel printer
- Supports IPP protocol (Internet printing)
- ECP functionality provides faster throughput
- 2-year warranty

Ordering information

SX-2933-Sxx* Parallel Port Print Server (10/100Base-T)
* "**xx**" indicates included power supply type as follows:
01 = Print Server with United States/Canada power supply
03 = Print Server with Continental European power supply

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