



PocketPro USB / PocketPro USB Wireless Print Server

The PocketPro USB multiprotocol print server is ideal for connecting any USB printer to a 100baseTX or 10baseT 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 PocketPro USB is very easy to use and is suitable for any application that requires reliability, performance, manageability and great support. The PocketPro USB is based on field-proven TROY print server technology that is used at major customer sites throughout the world.

Superior Performance

The PocketPro USB can increase users productivity by shortening their print waiting times. Now IT managers can avoid upgrading to a faster printer by fully utilizing their existing printer speeds. The high performance of the PocketPro USB also reduces network congestion, because the print jobs move out of the printer queue and network quicker.

Flexible Solution

The PocketPro USB works with all popular computer and network operating systems and allows you to connect to any USB printer. 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.

PocketPro USB Wireless

The TROY PocketPro USB Wireless print server has the same capability as the PocketPro USB, with the addition of being able to communicate on an 802.11b wireless network. Take advantage of your existing wireless network infrastructure and place the printer anywhere within 100 meters of a wireless access point, or with a computer equipped with 802.11b wireless capability. It is perfect for any application where running network cables is impractical or too expensive, or where the printer must be frequently moved.

The PocketPro USB Wireless supports Direct Sequence Spread Spectrum (DSSS) operation with automatic selection of 1, 2, 5.5 and 11Mbps speeds depending on environmental conditions. It handles 802.1x Extensible Authentication Protocol (EAP) with Tunneled Transport Layer Security (TTLS), Lightweight Extensible Authentication Protocol (LEAP) and Open System or Shared Key support with strong Wired Equivalent Privacy (WEP) encoding. With 802.1x EAP TTLS, LEAP, PAP, MSCHAPv2, WEP, read and write configuration passwords, as well as TCP/IP access control lists, you can be sure your data is safe.

With the PocketPro USB Wireless version, you still get the 100baseTX or 10baseT network connection for fallback protection in case the wireless network goes down or is not active.

Investment Guarantee

TROY's PocketPro USB contains flash memory, enabling you to download firmware upgrades to provide extra features and support for new wireless security standards such as 802.11i and WPA (Wi-Fi Protected Access).

Performance. Security. Quality. TROY sets the standard for wireless and connectivity solutions.

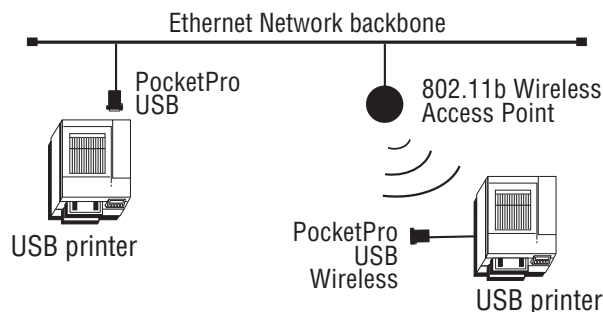
*Connect your USB Printer
to the Network or
Wireless Network*

*Wireless and
Connectivity
Solutions*





Configuration



Mechanical

- Size: 4.12" x 1.25" x 3.5" (10.46 x 3.17 x 8.89 cm)

Electrical:

- Input power: 350mA@5VDC

I/O:

- USB 1.1 Type A (compatible with USB 2.0)
- 10baseT/100baseTX Auto-Sensing Ethernet
- 802.11b Wireless LAN (with Wireless version only)

Environmental:

Temperature:

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

802.11b Wireless (Wireless version only):

- Variable data rates: 11, 5.5, 2 and 1 Mbps
- Frequency band: 2.4 GHz ISM Band
- 802.1x EAP with TTLS, LEAP, PAP, MSCHAPv2
- Wired equivalent privacy: 128-bit, 64-bit (compatible with 40-bit), none
- Output power: 15dBm
- Sensitivity (typ, AWGN, 8E-2 PER): -91dBm at 1Mbps, -88dBm at 2Mbps, -87dBm at 5.5 Mbps, -84dBm at 11 Mbps
- Range: 100m indoor, 300m Outdoor
- Industry standard MMCX diversity antenna connectors

Network Ports:

- Supports standard Ethernet/Fast Ethernet connections: twisted-pair RJ45 (10/100Base-T)
- 802.11b Wireless LAN (with Wireless version only)

Protocols:

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

EtherTalk mode

- Supports Macintosh System 6.X, 7.X, 8.X, 9.X, MacOS 10.X (including Jaguar)
- 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

PocketPro USB Print Server

- Connects one USB printer anywhere on your Ethernet or Fast Ethernet network
- The PocketPro USB Wireless version allows you to connect your USB printer to an 802.11b wireless 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
- Supports any USB 1.1 or 2.0 compatible printer
- Highly secure with 802.1x authentication and access control lists
- 5-year warranty

NetWare mode

- 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

PocketPro USB 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

LAN Administration Tools

- ExtendView Utilities – TROY 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 – TROY 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
- XAdmin32, XAdmin – Compatibility with legacy TROY Print Server Administration utilities
- 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:

- 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 arp, rarp, DHCP, BOOTP, TROY XAdmin & WP-Admin 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

Ordering Information

Part #	Product Name
2933-U01	PocketPro USB - US power supply
2933-U02	PocketPro USB - Universal Power supply
2933-U03	PocketPro USB - European Power supply
2933-UW1	PocketPro USB Wireless - FCC domain - US Power supply
2933-UW2	PocketPro USB Wireless - FCC domain - Universal Power supply
2933-UW3	PocketPro USB Wireless - ETSI domain - European Power supply
2933-UW6	PocketPro USB Wireless - FRANCE domain - European Power supply
2933-UW7	PocketPro USB Wireless - SPAIN domain - European Power supply

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