

Product Specifications

PRAIM PRS431 FastPrint The New Fast Ethernet Multi-Protocol Pocket Print Server

The PRAIM PRS431 provides one STP 10/100BaseT (RJ45) Ethernet interface port and can be attached directly to the printer.



Versatility

The Print Server supports up to five protocols: NetWare, TCP/IP, SMB (Service Message Block), AppleTalk (EtherTalk), and NetBEUI. It features one or two Ethernet interface ports and operating system support includes Unix, Novell, and Microsoft Windows.

Easy Installation

The Print Server makes adding printers or plotters to your network simple. The auto-sensing feature on the LAN interface means that there is no need to set jumpers or perform software configuration to select the network interface used.

Easy Setup

A number of utility programs are supplied to simplify setup. For Windows 95/98/NT users, the BiAdmin program makes it easy to configure the Print Server for a variety of network and server configurations.

Web-based interface

The Web-based interface provides an easy method of configuration in TCP/IP networks.

Compact Size

This allows the Print Server to be used even where space is limited.

Remote Management Tools

A variety of software tools are provided. In most environments, both the Print Server and attached bi-directional printers can be configured remotely.

SNMP Support

The Print Server can act as a SNMP agent, with its own MIB. This allows TCP/IP users to monitor, configure and troubleshoot the Print Server using their existing SNMP management tools.

JetAdmin Support

Praim Print Server support the HP *JetAdmin* program. If you are already using *JetAdmin*, you can also use this program to manage your Generic_name.

Internet Printing

Using TCP/IP, the Print Server can be configured to allow clients, suppliers, colleagues and others to print to one of your printers from anywhere on the Internet.

Easy to upgrade

Flash memory that allows network administrators to centrally perform updates over the network.

Technical Specifications

Supported Systems

Novell NetWare

The Print Server fully supports both Bindery and NDS Novell systems, and be configured as either a NetWare *Printer Server* or NetWare *Remote Printer*.

Novell Distributed Printing Services (NDPS) under NetWare 5 is also supported.

Microsoft LAN Manager

LAN Manager 2.0c and above, running under OS/2 ver.1.3 and above.

IBM

LAN Server 1.3 and above, running under OS/2 ver.1.3 and above including OS/2 Warp. OS/2 Warp Connect.

Microsoft Windows

Windows NT3.51 or later, Windows for workgroup, Windows 95/98

UNIX

All computers supporting the TCP/IP suite of protocols, including:

BSD systems: BSD 4.2, 4.3, 4.4, SunOS4 (Solaris 1.x), DEC Ultrix etc.

System V systems: R3, R4, AT&T, Inter-active, SCO, SunOS5 (Solaris 2.x), HP-UX, IBM AIX, Silicon Graphics IRIX, DEC Alpha OSF/1, BULL (BOS, AIX).

Other systems: IBM (MVS, VM, VSE, OS/400), DEC VMS, and guidelines for other systems.

Print Methods: LPD, FTP, PROS, and Reverse Telnet.

Apple EtherTalk

System 7.x OS or newer.

WWW

MS Internet Explorer 3.0 and Netscape 3.0 compatible browsers.

Installation

NetWare

Praim's utility included with Wizard for easy installation. Standard installation using PCONSOLE and NWADMIN also possible.

LAN Manager and LAN Server

Included software "PRAIM Print Utility for OS/2" provides easy installation.

Microsoft Windows for Workgroups

Included software "PRAIM WPCongif" provides easy installation.

Microsoft Windows'95-'98 /Microsoft Windows

Included software "PRAIM BIADMIN" for easy installation. and support also if Printer is Bidirectional, printer configuration and status report.

UNIX

Installation script resident in memory. No disks or tapes required.

Apple EtherTalk

Included software "PRAIM AppleTalk Configuration".

Supported Protocols

- **NetWare:** IPX, SAP, RIP, SPX and NCP (extended with NDS)
- **LAN Manager/LAN Server:** NetBIOS/NetBEUI or TCP/IP.
- **Windows:** NetBIOS/NetBEUI or TCP/IP.
- **TCP/IP:** TCP/IP protocol, FTP TCP/IP remote printing system (Optional: - BOOTP, Rarp, Telnet)
LPD printing system (for LPD printing)
- **Apple EtherTalk**

Network Management

- SNMP-MIB II compliant, private enterprise MIB included.
- LAN Network Manager for OS/2.
- Print server status in NWAdmin/PCONSOLE.

Logical Connection

- Running simultaneously any combination of the supported protocols. Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frames types simultaneously.

Attachments

- PRS431: 10-100BaseT (Twisted Pair) Ethernet.

Security

- UNIX: Root password, User access list and printer access.
- NetWare: Encrypted passwords.

Logical Printers

- The logical printer ports can be programmed to perform: auto ASCII to PostScript conversion, strings before and after job, string substitution, alternative output and character set conversion.

Parallel Printer

- IEEE 1284 compliant high-speed parallel port, 36 pin Centronics connector. Bi-directional support for Apple, Reverse Telnet and PROS. Sustained throughput up to 390 Kbytes/s using NetWare or LAN Server/LAN Manager.

Hardware

- 32-bit RISC-Controller

Front Panel

- 2 LED indicators: Green Status, Orange, Error.

Power Consumption

- PRS431: 5 VDC, 3W, provided by 400 mA external power supply, or provided by the printer (Centronics pin 18).

Environmental

- Temperature 40-105°F (5-40°C)
- Humidity 10-80% non-condensing

Approvals

- EMC: CE: EN 55022/1987
- EN50082-1/1992
- FCC Class A
- Safety: EN 60950

Ordering Information

Order No.	Description
PRS431	Print Server Fast Ethernet 10/100 Mb/sec 1 port pocket size

Printing Solutions - June 1999

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