

Digi Print Servers

D A T A
S H E E T

FastPort MIL-3400X Ethernet Multi-protocol Micro Print Server



- Fits easily behind printers and plotters
- Supports any Centronic parallel port; drives color printers and plotters at rated engine speeds
- Compatible with more than 20 UNIX platforms and allows customized print jobs
- Upgrades all units automatically on startup
- Permits "plug and play" installation on EtherTalk
- Allows network management via standard SNMP
- Provides simple alternative to difficult PCONSOLE
- Enables easy to install native NetBIOS support

The FastPort MIL-3400X Micro Print Server allows a printer or plotter to be used by TCP/IP, NetWare, EtherTalk, OS/2, and Microsoft Windows networks simultaneously. The MIL-3400X features a powerful parallel port that will support throughput of up to 140K Bytes per second, and is available with either a thin coax and UTP network uplink.

Easy to Install, Use, Manage and Upgrade.

The FastPort MIL-3400X models come with an advanced multiprotocol feature set that makes it one of the easiest to use solutions in the market. Regardless of which protocol you use, the MIL-3400X Print Servers can be installed seamlessly. Using SMB (System Message Block) protocol over NetBIOS/NetBEUI, the units can be installed using the Network Neighborhood of Microsoft Windows 95 and NT. In TCP/IP networks, the units can be configured using the BOOTP, ARP, RARP, and DHCP protocols. The MIL-3400X FastPort Print Servers support NetWare Directory Services for NetWare 4.x, allowing easy access to any printer on the network. For Macintosh users, the MIL-3400X series supports all popular Macintosh operating systems and through the use of the Digi LaserWriter Utilities you can configure the units

using the standard LaserWriter printer driver. For SNMP managed networks, you can use FastManage™ (Digi's Windows-based SNMP manager) discovery application to find Digi print servers on your network.

The MIL-3400X is Ideal for Any System.

For sophisticated management and installation, UNIX environments can utilize either Digi's extensive host software package or standard line printer daemon (lpd) directly. Lpd is also supported on Windows NT systems. TCP/IP printing on Windows 95 is supported using Digi lpr, a printing utility. In any of these systems, no host software is required.

For configuration management, it offers a choice of standard PCPNSOLE or Digi's Advanced Configuration Tool (ACT) for NetWare. The MIL-3400X series also can be managed via SNMP which includes support for MIB-II, as well as serial and parallel MIBs.

The units can be upgraded in a flash.

The MIL-3400X can be easily upgraded by printing a special job from any of the supported protocols. Each model also supports Trivial File Transfer Protocol (TFTP) and BOOTP for firmware upgrades.



Features/Specifications

Features

- Micro-sized form factor
- One high speed parallel port with 140KBps throughput
- Host software for UNIX Systems
- BOOTP, ARP, RARP, DHCP and TFTP (Trivial File Transfer Protocol) support for installation and automatic network flash upgrades
- AppleTalk support using standard LaserWriter utility
- SNMP support for TCP/IP, NetWare and EtherTalk (MIB-II and serial and parallel MIBs)
- ACT Netware configuration and management
- NetBIOS support for Microsoft NT, Windows for Workgroups and OS/2 LAN Manager
- Fast Manage SNMP Manager

Product Package

- Host software media: 4 Disks (3 1/2" standard)
- User manual
- 110 or 220 VDC Desktop Power Adapter
- Installation Guide

Parallel Ports

- 36 pin Centronics
- Burst Performance Up to 400KBytes/Second
- Sustained Performance Up to 140KBytes/Second

Printers/Plotters

Any printer or plotter with Centronics-compatible parallel interface

Physical LAN Interface

IEEE 802.3 Specification: 10Base2, Shielded 10Base-T

Software LAN Interface

- TCP/IP: Transmit Control Protocol/Internet Protocol
- Supports ARP, BOOTP, RARP, DHCP, ICMP, lpd, TFTP and telnet
- IPX: Internetwork Packet Exchange for Novell NetWare

- EtherTalk: Full AppleTalk implementation for the Apple LaserWriter. Supports ARB, ATP, DDP, NBP, PAP, AARP, and ELAP.
- NETBIOS: Windows for Workgroups, LAN Manager 2.2 (OS/2 1.3), LAN Server 4.0 (OS/2 2.X) Windows95, WindowsNT

Novell™ NetWare® Compatibility

- NetWare 2.x, 3.x, and 4.x with bindery emulation
- Network Directory Service

TCP/IP Host Software Compatibility

- SunOS 3.5 and greater (68000, Sun4, SPARC)
- Solaris 2.0 and above (SPARC, x86)
- ULTRIX (Vax, Mips R2000, R3000)
- HPUNIX 7.0 and greater (68000, PA-RISC)
- IBM AIX (RS6000)
- Silicon Graphics (System V and BSD)
- Interactive (x86)
- Pyramid
- Sequent
- SCO Unix
- Data General AviiON
- 4.3 BSD
- System V Release 3 and 4 and more system binaries (source code for compiling on different architectures)

3rd Party Compatibility

- Adobe TranScript Chameleon/NFS

- PC/NFS (PC) Wollongong WIN/TCP (PC)
- TGV Multinet (VAX) FTP PC/TCP (PC)
- Line Printer Daemon (lpd) support on 21 UNIX platforms
- Process Softwares TCPWare (VAX)
- Sun NeWSprint
- IBM TCP for OS/2
- Tandem Lanprint
- Novell TCP/IP

Electrical

Input: 110 V/50 hz 17 w (NA)
Input: 230 V/50 hz 17 w (Int)

Standards Compliance

- FCC Class A and CISPR22 Class B
- Certification for UL, CSA, TUV and CE

Environmental

- Operating Temperature 0°-55° C
- Storage Temperature -25°-70° C
- Operating Humidity 10%-95% (non-condensing)
- Storage Humidity 5%-95% (non-condensing)

Digi Service And Support

You can purchase with confidence knowing that Digi is here to support you with expert technical support, the industry's strongest warranty (five full years) and a 30 day money-back guarantee.

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Dimensions

Height	Width	Depth	Weight
1.10" in. (2.79 cm)	2.40" in. (6.09 cm)	3.4" in. (8.6 cm)	Shipping 3 lbs. (1.37 Kg) (including power supply)

Models and Part Numbers

(Pre-configured Unit) Specification Model
10Base-TMIL-3410X
10Base2MIL-3420X

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