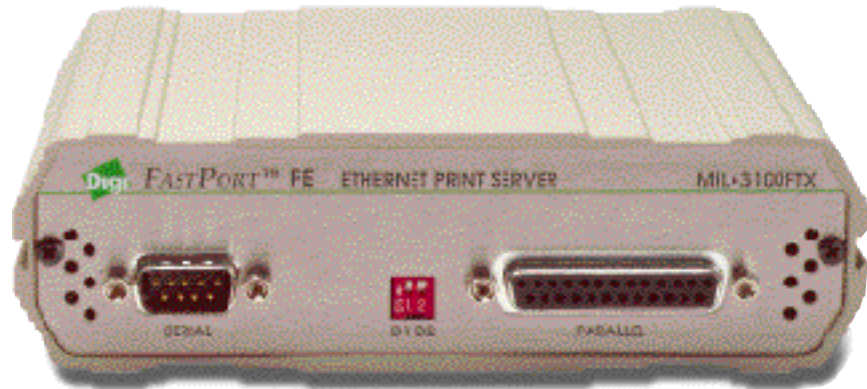


Digi Transceivers

D A T A
S H E E T

FastPort MIL-3100CX Two-Port Multiprotocol Ethernet Network Print Server



- 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 start up
- 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-3100CX is a series of two-port multiprotocol Ethernet print servers that provide simultaneously connections for up to two separate printers or plotters. The MIL-3100CX features one serial and one parallel port which allows users from TCP/IP, NetWare, EtherTalk, LAN Manager/LAN Server, and NetBIOS/NetBEUI protocols to share printers attached to a network.

Easy to Install, Use, Manage and Upgrade

All MIL-3100CX 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-3100CX 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-3100CX 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-3100CX 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-3100CX 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-3100CX 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-3100CX 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

- One high speed parallel port with 210KBps throughput
- Host software for UNIX Systems
- BOOTP, ARP, RARP, PHCP 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
- FastManage SNMP Manager

Product Package

- Three foot Centronics cable
- Host software media: 5 Disks (3 1/2" standard)
- User manual
- 110/220 VAC Desktop Power Adapter
- Installation Guide

Serial Port

- Baud Rates: 38.4 Kb
- Flow Control: XON/XOFF, RTS, CTS, DTR
- Parity: EVEN/ODD/NONE
- Connector: Male DB-9

Parallel Port

- Specification Centronics A
- Connector Female DB-25
- IEEE Compatible
- Burst Performance Up to 400K Bytes / Second
- Sustained Performance Up to 210K Bytes / Second

Built-in Network Port

- IEEE 8023 interface
- Unshielded Twisted Pair: MIL-3110CX 10Base-T
MIL-312CX 10Base-T/10Base2
MIL-3130CX 10Base-T/10BaseFL

Printers/Plotters

- Any printer or plotter with an RS-232 or Centronics-compatible parallel interface

Software LAN Interface

- TCP/IP: Transmit Control Protocol/Internet Protocol
- Supports ARP, BOOTP, RARP, ICMP, lpd, 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: Supports NetBIOS over
- NetBEUI for Microsoft Networks Warranty.

Novell™ NetWare® Compatibility

- NetWare 2.x, 3.x, and 4.x with bindery emulation
 - Network Directory Services
- ## TCP/IP Host Software Compatibility
- SunOS 3.5 and greater (68000, Sun4, SPARC)
 - Solaris 2.X (SPARC, x86)
 - ULTRIX (Vax, Mips R2000, R3000)
 - HPUX 7.0 and greater (68000, PARISC)
 - IBM AIX (RS6000)
 - Silicon Graphics (System V and BSD)
 - Interactive (x86)
 - Pyramid
 - Sequent
 - SCO Unix
 - Data General AviiON
 - 4.3 BSD

Dimensions

Height	Width	Depth	Weight
1.75" in	5.25" in	6.0" in.	1 lb.

Physical

The MIL-3100CX is housed in a sturdy, compact aluminum alloy enclosure with stainless steel front and rear panels for years of maintenance-free use.

- System V Release 3 and 4 and more system biversions
- Source code for compiling on different architecture

Other TCP/IP Compatibility

- Adobe TranScript Chameleon/NFS
- PC/NFS: Wollongong WIN/TCP
- TGV Multinet: FTP PC/TCP
- Line Printer Daemon (lpd) support on 21 UNIX platforms

Electrical

- Power Consumption 1.0 A at 16 VAC

Standards Compliance

- FCC Class A radiation and CIS PR 22.
- Certification for UL, CSA Class TUV,CE.

Environmental

- Operating Temperature 0° - 55° C (32° - 131°F)
- Storage Temperature -10° - 70° C (14° - 158° F)
- Operating Humidity 10% - 90% (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 and the industry's strongest warranty (five years).

Digi International Corporate:

11001 Bren Road East
Minnetonka, MN 55343

Tel: 1-800-344-4273
612-912-3444

FAX: (612) 912-4952

E-Mail: info@dgii.com

Web: www.dgii.com

Regional Sales offices

Minnesota: 1-800-344-4273

California: 1-800-466-4526

Ohio: 1-800-782-7428

Tennessee: 1-800-366-8844

Virginia: (703) 553-2560

International Sales offices:

Denmark: +45 49 17 70 90

France: +33 1 46 40 39 20

Germany: +49 221 920 520

The

Netherlands: +31 20 5207 566

United

Kingdom: +44 1276 853 600

Australia: +61 2 96 80 8944

Hong Kong: +852 2833 1008

Singapore: +65 732 1318

Email: europeinfo@dgii.com
latinamericaninfo@dgii.com
pacificriminfo@dgii.com

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Models and Part Numbers

Model	Specification	Module/Connector Type
MIL-3110CX	10Base-T	None (Blank Plate)
MIL-3120CX	10Base2	4320 Thin coax/BNC
MIL-3130CX	10BaseFL	4330 Fiber optic/ST

