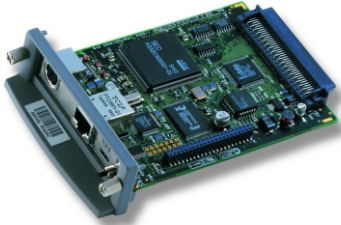


The most advanced internal print server to connect HP LaserJet printers to IBM systems for easy migration of IBM Host printing into a mixed LAN environment

Print Server



LinkCom™ Xpress EIO PRO

- **The ideal migration path for IBM printing in a LAN environment**
- **Converts both AFP/IPDS and SCS/DCA to PCL/Postscript**
- **Supports both B/W and Color printers**
- **Support for MFP (Multi Function Peripherals)**
- **Supports both SNA and TCP/IP sessions to the host**
- **TN5250e/TN3270e enables Plug'n Print installation**
- **Supports IPP (Internet Printing Protocol)**
- **Printer management using the MPI Tech PrintGuide™ or HP Web JetAdmin**
- **Flash Upgradable**

LinkCom™ Xpress EIO PRO makes connection of HP printers to complex LAN environments easier than ever, as LinkCom™ Xpress EIO PRO simply is installed in the printer and connected to the LAN. By a simple configuration both the IBM systems and standard LAN/PC environment can make full use of all features on the B/W and Color printer, including finishing options.

LinkCom™ Xpress EIO PRO is developed to work efficiently within the mixed Host/LAN environment and supports SNA sessions directly from the IBM systems as well as TCP/IP sessions from the LAN. The LinkCom™ Xpress EIO PRO will convert IBM SCS and IPDS to the industry standard PCL5 or Postscript language used by the majority of printers today. And even translation from SCS to Page- and Line printers is provided as a standard.

LinkCom™ Xpress EIO PRO offers easy Plug 'n Print installation for the AS/400 environment using the TN5250e. TN3270e allows mainframe users to migrate SCS/DCA data stream to LAN in an easy manner. For LAN administration and setup there are several tools available:

For fast and easy configuration LinkCom™ Xpress EIO PRO is delivered with MPI Tech's PrintGuide™. Also a standard web browser will access the internal html-pages of the LinkCom™ Xpress EIO PRO. Alternatively the Hewlett-Packard Web JetAdmin, a simple Telnet session or the printers frontpanel can be used.

IPP (Internet Printing Protocol) support makes it easy to print across the Internet to any authorized printer connected to an IP network and the support for the SafeCom™ Output Management System enables secure printing, total print cost control, document distribution and pay-and-print solutions. LinkCom™ Xpress EIO PRO also provides elegant features such as status reporting directly to the person responsible for the printer. Future enhancements for LinkCom™ Xpress EIO PRO are easily upgraded through downloads from the support pages on www.mpitech.com

Printing and Conversion Solutions



Attachment

LinkCom™ Xpress EIO PRO TR IBM Token Ring (IEEE 802.5) STP (Media type 1/DB9) and UTP (Media type 3/RJ45) at 4/16 Mbps.
LinkCom™ Xpress EIO PRO 10/100 Ethernet 100BASE-TX at 100 Mbps. (IEEE 802.3u) and 10BASE-T at 10 Mbps. (IEEE 802.3)

System Support

Windows (XP, 2000, ME, NT, 9x), Windows for Workgroups, UNIX, Novell, Mac, 3.1x/4.xx, DOS, OS/2, HP-UX, AIX, Linux, IBM OS/400, OS/390, MVS, VM, VSE

LAN/WAN Systems

Any attached Host with TCP/IP LPR, Port 9100 or NetBIOS/NetBEUI Any Novell server with IPX/SPX using bindery or NDS support. Any Mac with AppleTalk.

Mainframe Systems

IBM S/370-390 (MVS/VM/VSE) IBM 30xx, 937x, 43xx, 81xx

Midrange Systems

IBM PSF/400, OS/400 version 3.1 and up

IBM Printer Emulation

Basic SCS via SNA (Standard)

IBM IP20/32/40, NP12/17/24, 3912/3916, 3112/3116, 4028 and 3812/3816, 4214, 3268, 3287

IPDS/AFP via TCP/IP and 3270 SNA(standard)

Ip40, IBM 3912/3916, 3112/3116, 4028, 3812/3816

Advanced SCS via 3270 SNA or TN3270E (Additional Feature (-x4x))

4312/4317/4324

Advanced SCS/DCA via AS/400 TCP/IP, LPR or TN5250E (Additional Feature (-x6x))

4312/4317/4324, 5219, 5224/5225, 4214, 5256

Protocols

Printing: TCP/IP, IPX/SPX , SNA, NetBIOS, Appletalk, NDPS via IP using HP gateway
Bootting: BOOTP, DHCP, RARP
Configuration: HTTP, DLC, TCP/IP, FTP, WINS, DNS
Status: SNMP, DLC, TCP/IP, PING, SMTP

Print Data

Print-ready data from any system using: TCP/IP, LPD/LPR, IPP, FTP, Port 9100, Novell IPX/SPX, Windows/OS2 via NetBIOS/NetBEUI or Mac Appletalk. IBM S/390 SCS via SNA, ida PSS, HPR via TCP/IP, EPM, EPR
IBM PSF/400 and PSF/2 via TCP/IP or SNA
IBM PSF/MVS, AFP/IPDS via TCP/IP or SNA
Optional:
Advanced IBM S/390 SCS via SNA or TN 3270E (additional feature (-x4x)) Advanced IBM AS/400 SCS/DCA via TCP/IP or TN5250E (additional feature(-x6x))

Supported Printers

Any HP EIO LaserJet printer

Features

IBM SNA/SCS features (Standard) CPI, LPI and print quality selection, Paper tray selection, Automatic Page Orientation (APO), Computer Output Reduction (COR), APL support, Query reply, All IBM RPQs, All IBM national languages
IBM Page Presentation Media command, Full IPDS support, Full page printing, Truepage counters, Font sieving, Double byte font (DBCS) support, Page offset functions, Selectable image smoothing, IBM 4028 & IBM 3812/3816 font sets, Downloadable resident IPDS font set.

AFP print features (Standard) - if Supported via MPI Tech PSS and EPM
Print via TCP/IP, Multiple ICDS session support, PCL or PostScript output and Similar to IBM 240/300 dpi AFP printer.

Advanced SCS via 3270 SNA or TN3270E (Additional Feature (-x4x))

Duplex, input/output paper tray, font, Selection, barcodes, compression formats

Advanced SCS/DCA via AS/400 TCP/IP or TN5250E (Additional Feature(-x6x))

Duplex, input/output paper tray, font, selection, barcodes, compression formats

Set-up

Via Web browser (HTML), MPI Tech PrintGuide™ (Windows), Auto-configuration. DHCP server, ARP, TELNET, ASCII File

Management

Printer & Host MIB, SNMP MIB II and Traps, HP Web JetAdmin, HP OpenView, MPI Tech PrintGuide™, FTP

Approvals

UL, cUL, CE

Safety

Low Voltage Directive, 73/23/EEC, EN60950 with amendments, UL 1950, 3rd edition

EMC

EMC Directive: 89/336/EEC, FCC Part 15 Subpart B Class B, AS/NZS 3548 Class B, EN 55022: 1998 Class B, EN61000-3-2, EN61000-3-3, EN 55024: 1998

Warranty

3 years manufacturing fault warranty

Part Number	Product Name	Description
952256-0x1	LinkCom™ Xpress EIO PRO TR	Internal Token Ring interface for HP EIO Printers
962556-0x1	LinkCom™ Xpress EIO PRO 10/100	Fast Ethernet interface for HP EIO printers
Part NumberExtension	Additional Feature	Description
-x3x	Standard	Standard product with basic S/390 SCS
-x4x	+ S/390 SCS	Advanced Mainframe SCS migration module (Featuring FSL)
-x6x	+ AS/400 SCS	Advanced AS/400 SCS/DCA migration module (Featuring FSL)

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