Intel NetportExpress™ Print Servers
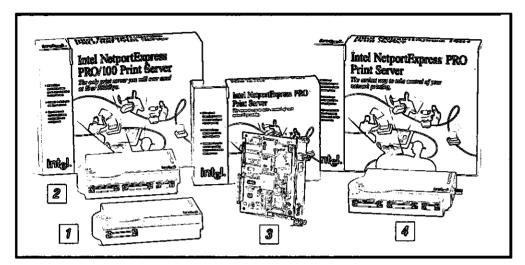
A family of print servers for faster, simpler network printing.

1. NetportExpress™ PRO/100 Print Server – single-port
2. NetportExpress PRO/100 Print Server – 3-port
3. NetportExpress PRO Print Server – internal single-port
   (available for Ethernet and Token Ring networks)

4. NetportExpress PRO Print Server –
   external 3-port (available for Ethernet
   and Token Ring networks)

KEY FEATURES

- **Compatible with virtually any printer and all major network operating systems for exceptional flexibility**

- **Remote management from standard Web browsers**

- **New Windows* Netport® Manager for faster, simpler installation and configuration**

Connect any printer, anywhere, on all major network operating systems. Quickly and easily set up, configure and manage your Intel NetportExpress™ print servers from your Windows* workstation – or from your Web browser. That's the power NetportExpress PRO/100 and PRO Print Servers bring to network printing. The PRO/100 Print Server also delivers ultra-fast 300KBps throughput.

Key to these capabilities are the enhanced Windows interface and new Web-based management tools. The 32-bit Windows Netport® Manager gives you a faster, more powerful tool for print server management. The new Web Netport Manager offers remote management from standard Web browsers. And potent bi-directional support for both tools provides comprehensive printer information at a glance. Remote viewing of real-time diagnostic information saves you time and money by minimizing troubleshooting trips to the printer.

Flexibility is vital in today's mixed networks. And the Intel NetportExpress PRO/100 and PRO Print Servers provide ultimate flexibility, with native multi-NOS support on all ports simultaneously, and compatibility with virtually any printer.

intel®

Easy-to-use Web and Windows operating system-based management tools*

Quick and comprehensive management tools, with clear status reports, help you to keep your network printers running smoothly with minimal hassle, wherever you are. You have two ways to install, configure and manage your print servers in any networking environment.

- *Web Netport® Manager*

Access any printer on your network from any intranet or Internet connection using Microsoft Internet Explorer* or Netscape Navigator* A powerful Web management interface is embedded in all Intel NetportExpress PRO/100 and PRO Print Servers, so you don't have to install any special software on workstations or servers. Just enter the IP address of the print server to configure, manage and view diagnostic information.

- *Windows* Netport Manager*

The enhanced Windows* Netport Manager expands on the comprehensive menu of features you've come to expect from Intel NetportExpress PRO/100 and PRO print servers. Its new 32-bit interface delivers more information with a much faster response time. Built-in features, such as remote firmware updating, make installation a snap in any network environment. You also can group printers into logical domains for simplified management and control.

With full SNMP and DMI support, the NetportExpress PRO/100 and PRO management tools integrate easily into management consoles such as Intel LANDesk® Management Suite or HP OpenView.*

Robust multi-protocol support

Intel NetportExpress PRO/100 and PRO Print Servers natively support all popular network operating systems and protocols – on all ports simultaneously. You can use these print servers in all of the following network environments: Windows* 95, Windows NT,* NetWare,* UNIX* and AppleTalk.* (See the Technical Specifications for complete details on protocol and NOS support.)

Remote printer status

Bi-directional communication lets you view front-panel messages such as Paper Out or Toner Low, printer RAM, fonts installed and configuration information, for printers with bi-directional support. You can monitor printers remotely over the Internet from standard Web browsers, or via your intranet from any networked PC.

Intel NetportExpress™ PRO/100 Print Server

The only print server you will ever need at 10 or 100Mbps.

With the flexibility of 10 or 100Mbps operation, the award-winning Intel NetportExpress PRO/100 Print Server delivers both 10BASE-T Ethernet and 100BASE-TX Fast Ethernet printing, at the cost of a 10Mbps only solution. It supports all popular network operating systems and management consoles, while speeding data to your printer with a fast 300KBps throughput. The smart solution for ultimate flexibility and easy management, it autosenses network bandwidth for 10Mbps Ethernet or 100Mbps Fast Ethernet operation.

KEY FEATURES

- *Compatible with virtually any printer and all major network operating systems for exceptional flexibility*

- *Windows* and Web-based management tools for ease of installation, configuration and remote management from your Windows desktop or standard Web browsers*

- *Available in single-port and 3-port versions for 10Mbps Ethernet or 100Mbps Fast Ethernet Operation*

AWARDS

BEST of LAN TIMES

December 18, 1996

Network EDITOR'S CHOICE

UK Editor's Choice
July 1997

Intel NetportExpress PRO Print Server

The simple, reliable print server for 10Mbps and Token Ring networks.

If you're not planning to migrate to 100BASE-TX Fast Ethernet, the Intel NetportExpress PRO Print Server offers simple, reliable connectivity and the same remote management capabilities as the NetportExpress PRO/100 Print Server. Available in external three-port and internal MIO versions for Ethernet or Token Ring networks, the NetportExpress PRO print servers support virtually any printer on your network – no matter what network operating system you use.

KEY FEATURES

- *Compatible with virtually any printer and all major network operating systems for exceptional flexibility*

- *Windows* and Web-based management tools for ease of installation, configuration and remote management from your Windows desktop or standard Web browsers*

- *Available for 10Mbps Ethernet or Token Ring networks in external and internal print server versions*

AWARDS

ResellerNews Editors' Choice

Print Servers
July 1995

NETWORK COMPUTING EDITOR'S CHOICE

Print Servers
April 1995

	Intel NetportExpress™ PRO/100 Print Server		Intel NetportExpress PRO Print Server	
	Single-port version	3-port version	External version	Internal version
Number of ports	1 parallel	2 parallel, 1 serial	2 parallel, 1 serial	MIO Slot
Number of Simultaneous Printers	1	3	3	1
Protocols/Operating Systems Supported	IPX/SPX – Novell NetWare,* includes NDS support TCP/IP – UNIX*: SunOS,* SCO,* SunSoft Solaris,* HP-UX,* IBM AIX,* UnixWare* and BSD (LPD/LPR) **Microsoft:** Windows NT,* Windows* 95, Windows for Workgroups NetBEUI – Windows NT, Windows 95, Windows 3.11, Windows for Workgroups, LAN Manager,* IBM LAN Server* AppleTalk*		IPX/SPX – Novell NetWare,* includes NDS support TCP/IP – UNIX*: SunOS,* SCO,* SunSoft Solaris,* HP-UX,* IBM AIX,* UnixWare* and BSD (LPD/LPR) **Microsoft:** Windows NT,* Windows* 95, Windows for Workgroups NetBEUI – Windows NT, Windows 95, Windows 3.11, Windows for Workgroups, LAN Manager,* IBM LAN Server* AppleTalk*	
Management Supported	■ Windows operating system-based Netport® Manager application and embedded Web Netport Manager for installation, configuration and management of all NOS types. DMI and SNMP enabled to work with management consoles like Intel LANDesk® Management Suite or HP OpenView.* ■ Embedded Web Netport® Manager for Web-based management via any standard Web browser.		■ Windows operating system-based Netport® Manager application and embedded Web Netport Manager for installation, configuration and management of all NOS types. DMI and SNMP enabled to work with management consoles like Intel LANDesk® Management Suite or HP OpenView.* ■ Embedded Web Netport® Manager for Web-based management via any standard Web browser.	
Netport® Manager Requirements	■ Intel386™ SX or DX CPU or higher ■ Windows NT* 3.51 or higher, Windows* 95, Windows 3.11 with DOS 5.0 or higher ■ Windows configured for NetWare* or Microsoft support		■ Intel386™ SX or DX CPU or higher ■ Windows NT* 3.51 or higher, Windows* 95, Windows 3.11 with DOS 5.0 or higher ■ Windows configured for NetWare* or Microsoft support	
Browsers Supported	■ Netscape Navigator* 3.0 or higher ■ Netscape Communicator* 4.0 or higher ■ Microsoft Internet Explorer* 3.0 or higher		■ Netscape Navigator* 3.0 or higher ■ Netscape Communicator* 4.0 or higher ■ Microsoft Internet Explorer* 3.0 or higher	
Network Topology Supported	■ 10BASE-T and 100BASE-TX ■ Connector: RJ-45 (TPE) ■ Automatically senses between 10Mbps and 100Mbps ■ Supports 802.2, 802.3, Type II and SNAP frame types		**Ethernet models** ■ Autosenses between 10BASE-T (TPE) and 10BASE-2 (BNC) connectors ■ Supports 802.2, 802.3, Type II and SNAP frame types	**Token Ring models** ■ Autosenses between Token Ring STP (Type 1) and UTP (Type 3) connectors ■ Supports both 4Mbps and 16Mbps ring speeds ■ Supports source routing and Locally Administered Addresses (LAA)
Port Specifications	*Single-port version* ■ 1 bi-directional Centronics parallel port ■ 25-pin female connector (IEEE 1284-compliant) ■ Over 300KBps throughput	*3-port version* ■ 2 bi-directional Centronics parallel ports ■ 25-pin female connector (IEEE 1284-compliant) ■ Over 300KBps throughput ■ 1 RS-232C serial port, 9-pin male connector	*External version* ■ 2 bi-directional Centronics parallel ports ■ 25-pin female connector (IEEE 1284-compliant) ■ 1 RS-232C serial port, 9-pin male connector	*Internal version* ■ Modular I/O (MIO) card fits internal slot of most MIO printers (For details on versions see FaxBack* 1078.)
Other Specifications	*Single-port and 3-port versions* **Dimensions:** 7.25 x 5.13 x 1.25 inches **Power Supply:** Switchable 110/250V circuit **Emissions:** FCC and CISPR-22 class A (CE)		*External version* **Dimensions:** 7.25 x 5.13 x 1.25 inches **Power Supply:** Switchable 110/240V circuit **Emissions:** FCC and CISPR-22 class A (CE)	*Internal version* **Dimensions:** Per MIO specification 5.4 x 5.6 x 1.1 **Power Supply:** Provided by the printer **Emissions:** FCC and CISPR-22 class A (CE)

CUSTOMER SUPPORT

Intel Customer Support Services offer a broad selection of tiered support programs. For more information: visit us on the World Wide Web at http://support.intel.com or call 800-538-3373, ext. 276, or order FaxBack* 8549 at 800-525-3019.

FOR PRODUCT INFORMATION

World Wide Web	http://www.intel.com/network/print
U.S. and Canada	800-538-3373 or 503-264-7354
Europe	+44-1793-431-155
Japan	+81-298-47-0800
Hong Kong	+852-2-844-4524
Taiwan, Korea, Singapore and ASEAN	+65-735-3811
Australia	+61-2-9937-5800

FOR MORE INFORMATION, ORDER THESE FAXBACK* DOCUMENTS

NetportExpress™ Print Server Q&A	6124
Fast Ethernet Trade-Up Program (North America only)	1554
NetportExpress Print Server Special Offer (North America only)	1128
Network Operating Systems and Printers Supported by NetportExpress PRO/100 and PRO Print Servers	1078

To order call 503-264-6835, 800-525-3019, or find us on the World Wide Web: http://www.intel.com/network/print

intel.

Please Recycle.

NP0960