EXTERNAL ETHERNET PRINT SERVERS								
COMPANY	PRODUCT	SHIP DATE	PARALLEL PORTS	SERIAL PORTS	ETHERNET MEDIA; ETHERNET FRAME TYPES	SUPPORTS ADAPTIVE FRAME-TYPE SELECTION	NETWORK OPERATING SYSTEMS SUPPORTED	NETWORK PROTOCOLS SUPPORTED
AXIS COMMUNICATIONS INC. Woburn, Mass. (617) 938-1188 (800) 444-2947	Axis 150	3/95	2		10BaseT; DIX or Ethernet 2, IEEE Ethernet 802.3, IEEE Ethernet 802.2	yes	NetWare, SunOS, HP/UX, LAN Manager, LAN Server	IPX/SPX, NetBEUI
CASTELLE INC. Santa Clara, Calif. (408) 496-0474 (800) 289-7555	LANpress	10/94	2		10Base2, 10Base5; DIX or Ethernet 2, IEEE Ethernet 802.3, IEEE Ethernet 802.2, Novell (8137)	yes	NetWare, Solaris, SunOS, HP/UX, UnixWare, Windows NT	IPX/SPX, TCP/IP
DIGITAL PRODUCTS INC. Waltham, Mass. (617) 647-1234 (800) 243-2333	NETPrint 1000E/N	2/95	2	1	10Base2, 10BaseT; DIX or Ethernet 2, IEEE Ethernet 802.3, IEEE Ethernet 802.2	yes	NetWare, Solaris, SunOS, HP/UX, Windows NT, LAN Server	IPX/SPX, EtherTalk
EXTENDED SYSTEMS INC. Boise, Idaho (208) 322-7800 (800) 235-7576	ExtendedNet MPX 2810C	5/95	2		10Base2, 10Base5, 10BaseT, AUI; DIX or Ethernet 2, IEEE Ethernet (802.3, 802.2, SNAP), Novell (8137)	yes	NetWare, Solaris, SunOS, HP/UX, UnixWare, Windows NT, VINES, AppleShare, LAN Manager, LAN Server	IPX/SPX, EtherTalk, TCP/IP, DLC
EMULEX CORP. Costa Mesa, Calif. (714) 662-5600 (800) 854-7112	NETQue	11/94	1	1	10Base2; DIX or Ethernet 2, IEEE Ethernet 802.3, IEEE Ethernet 802.2, Novell (8137)	yes	NetWare, Solaris, SunOS, HP/UX, UnixWare, Windows NT, LAN Manager, LAN Server	IPX/SPX, LocalTalk, DEC, LAT, TCP/IP
HEWLETT-PACKARD CO. Palo Alto, Calif. (800) 752-0900	HP JetDirect EX Plus3	5/94	3	0	10Base2, 10BaseT; DIX or Ethernet 2, IEEE Ethernet (802.3, 802.2, SNAP), Novell (8137)	yes	NetWare, Solaris, SunOS, HP/UX, Windows NT, AppleShare, LAN Manager, LAN Server, LANtastic, PathWorks	IPX/SPX, NetBIOS, EtherTalk, TCP/IP

EXTERNAL ETHERNET PRINT SERVERS								
COMPANY	PRODUCT	SHIP DATE	PARALLEL PORTS	SERIAL PORTS	ETHERNET MEDIA; ETHERNET FRAME TYPES	SUPPORTS ADAPTIVE FRAME-TYPE SELECTION	NETWORK OPERATING SYSTEMS SUPPORTED	NETWORK PROTOCOLS SUPPORTED
INTEL CORP. Santa Clara, Calif. (503) 264-7354 (800) 538-3373	NetportExpress XL Print Server	10/94	2	1	10Base2, 10BaseT; DIX or Ethernet 2, IEEE Ethernet (802.3, 802.2, SNAP), Novell (8137)	no	NetWare, Solaris, SunOS, HP/UX, UnixWare, LAN Manager, LAN Server	IPX/SPX, NetBEUI, NetBIOS, EtherTalk, AppleTalk, TCP/IP
LEXMARK INTERNATIONAL INC. Lexington, Ky. (606) 232-2000 (800) 891-0331	MarkNet XLe 302	10/94	2	1	10Base2, 10BaseT; DIX or Ethernet 2, IEEE Ethernet 802.3, IEEE Ethernet 802.2, Novell (8137)	no	NetWare, Solaris, SunOS, HP/UX, UnixWare, Windows NT, VINES, AppleShare, LAN Manager, LAN Server, AT&T (NCR 3000)	IPX/SPX, EtherTalk, TCP/IP, LexLink (DLC/UC)
MICROPLEX SYSTEMS LTD. Burnaby, B.C. (604) 444-2432 (800) 665-7798	M202	1/95	2	2	10Base2, 10BaseT; DIX or Ethernet 2, IEEE Ethernet (802.3, 802.2, SNAP), Novell (8137)	yes	NetWare, Solaris, SunOS, HP/UX, UnixWare, Windows NT, AppleShare	IPX/SPX, EtherTalk, TCP/IP
MILAN TECHNOLOGY CORP. Sunnyvale, Calif. (408) 752-2770 (800) 466-4526	3200CX	3/95	2	2	10Base2, 10Base5, 10BaseT, FOIRL, AUI; DIX or Ethernet 2, IEEE Ethernet (802.3, 802.2, SNAP), Novell (8137)	yes	NetWare, Solaris, SunOS, HP/UX, UnixWare, Windows NT, AppleShare, LAN Manager, LAN Server	IPX/SPX, NetBEUI, NetBIOS, EtherTalk, TCP/IP
PACIFIC DATA PRODUCTS INC. San Diego, Calif. (619) 552-0880 (800) 737-7110	Pacific DirectNet EX	5/94	2	1	10Base2, 10BaseT; DIX or Ethernet 2, IEEE Ethernet (802.3, 802.2, SNAP), Novell (8137)	yes	NetWare, Solaris, SunOS, HP/UX, Windows NT, AppleShare	IPX/SPX, EtherTalk, TCP/IP

EXTERNAL ETHERNET PRINT SERVERS								
COMPANY	PRODUCT	SHIP DATE	PARALLEL PORTS	SERIAL PORTS	ETHERNET MEDIA; ETHERNET FRAME TYPES	SUPPORTS ADAPTIVE FRAME-TYPE SELECTION	NETWORK OPERATING SYSTEMS SUPPORTED	NETWORK PROTOCOLS SUPPORTED
This chart is representative, not all-inclusive. All information is provided by the vendors. An XLS version is available in Library 4 of the PC Week Extra! Forum on ZiffNet. Look for XLS files by issue date.		ExtendNet MPX comes with two additional ports configurable as parallel or serial.		Chart compiled by Robert Wilkerson and Eric Misiano.				

EXTERNAL ETHERNET PRINT SERVERS						
COMPANY	FEATURES/FUNCTIONS FOR NETWARE; ADMINISTRATOR CONFIGURATION UTILITY; NOTIFICATION OPTIONS	FEATURES/FUNCTIONS FOR TCP/IP; ADMINISTRATOR CONFIGURATION UTILITY	FEATURES/FUNCTIONS FOR ETHERTALK; NOTIFICATION OPTIONS	FEATURES/FUNCTIONS FOR LAN MANAGER/LAN SERVER; ADMINISTRATOR CONFIGURATION UTILITY; NOTIFICATION OPTIONS	REGISTERS WITH NETWORK PRINTER CONTROL CONSOLE	BUFFER MEMORY
AXIS COMMUNICATIONS INC. Woburn, Mass. (617) 938-1188 (800) 444-2947	NetWare 4.x under bindery emulation, NetWare 4.x Nprinter mode, automatic file server reattach; DOS, Windows, OS/2; print server LED	none; none	none; none	LAN Manager 2.0 and above, LAN Server 1.3 and above, OS/2 1.3 and above; OS/2, DOS, Windows; print server LED	automatic	256K
CASTELLE INC. Santa Clara, Calif. (408) 496-0474 (800) 289-7555	automatic file server reattach; DOS; broadcast message	server-based printer configuration, lpr, lpd, RARP, SNMP, MIB 2; DOS, Solaris, SunOS, HP/UX, UnixWare, Windows NT	none; none	none; none; none	automatic	1M
DIGITAL PRODUCTS INC. Waltham, Mass. (617) 647-1234 (800) 243-2333	NetWare 4.x under bindery emulation, automatic file server reattach; Windows; broadcast message	Telnet, bootp, RARP; Telnet (not bundled)	Macintosh System (6.x, 7.x), LaserWriter drivers, 3 ports supported, EtherTalk Phaser 2; none	automatic server reattach; Telnet; none	automatic	4K
EXTENDED SYSTEMS INC. Boise, Idaho (208) 322-7800 (800) 235-7576	NetWare 4.x under bindery emulation, NetWare 4.x Nprinter mode, automatic file server reattach; DOS, Windows; broadcast message	printer-based printer configuration, lpr, lpd, Telnet FTP, bootp, RARP, raw printer port or Port 9100, SNMP, MIB 2; DOS, Windows, Solaris, SunOS, HP/UX, UnixWare, Windows NT	Macintosh System (6.x, 7.x), LaserWriter drivers, 2 ports, EtherTalk Phaser 2, administrator configuration utility; none	LAN Manager 2.x, LAN Server 2.x and 3.0, print spooling, automatic server reattach; OS/2; none	automatic	n/a
EMULEX CORP. Costa Mesa, Calif. (714) 662-5600 (800) 854-7112	NetWare 4.x under bindery emulation, NetWare 4.x Nprinter mode, automatic file server reattach; through NetWare, broadcast message	server-based printer configuration, lpr, lpd, Telnet, FTP, bootp, RARP, default IP, raw printer port or Port 9100, SNMP, MIB 2; Solaris, SunOS, HP/UX, UnixWare, Windows NT	Macintosh System (6.x, 7.x), LaserWriter drivers, 1 port supported, EtherTalk Phaser 2; broadcast message	LAN Manager 2.2 or higher, LAN Server 3.0 or higher, OS/2 1.3 or higher; OS/2; broadcast message	automatic	2K
HEWLETT-PACKARD CO. Palo Alto, Calif. (800) 752-0900	NetWare 4.x under bindery emulation, NetWare 4.x Nprinter mode, automatic file server reattach; DOS, Windows, Unix; broadcast message	printer-based printer configuration, lpr, lpd, Telnet, bootp, RARP, default IP, raw printer port or Port 9100, SNMP, MIB 2; DOS, Windows, Solaris, SunOS, HP/UX, UnixWare, Windows NT	Macintosh System (6.x, 7.x), LaserWriter drivers, 1 port supported, EtherTalk Phaser 2; broadcast message	LAN Manager 2.0c and above, LAN Server 1.3 and above, OS/2, automatic server reattach; OS/2, DOS, Windows; broadcast message	automatic	128K

EXTERNAL ETHERNET PRINT SERVERS						
COMPANY	**FEATURES/FUNCTIONS FOR NETWARE; ADMINISTRATOR CONFIGURATION UTILITY; NOTIFICATION OPTIONS**	**FEATURES/FUNCTIONS FOR TCP/IP; ADMINISTRATOR CONFIGURATION UTILITY**	**FEATURES/FUNCTIONS FOR ETHERTALK; NOTIFICATION OPTIONS**	**FEATURES/FUNCTIONS FOR LAN MANAGER/LAN SERVER; ADMINISTRATOR CONFIGURATION UTILITY; NOTIFICATION OPTIONS**	**REGISTERS WITH NETWORK PRINTER CONTROL CONSOLE**	**BUFFER MEMORY**
INTEL CORP. Santa Clara, Calif. (503) 264-7354 (800) 538-3373	NetWare 4.x under bindery emulation, automatic file server reattach; Windows; broadcast message	lpr, lpd, SNMP, MIB 2; Windows	Macintosh System (6.x, 7.x), LaserWriter, 3 ports supported, EtherTalk Phaser 2; none	LAN Manager 2.2, OS/2 2.2, automatic server reattach; Windows; broadcast message	automatic	n/a
LEXMARK INTERNATIONAL INC. Lexington, Ky. (606) 232-2000 (800) 891-0331	NetWare 4.x under bindery emulation, NetWare 4.x Nprinter mode, automatic file server reattach; DOS, Windows, OS/2, Unix; broadcast message	server-based printer configuration, lpr, lpd, Telnet, FTP, bootp, RARP, raw printer port or Port 9100, SNMP, MIB 2; Solaris, SunOS, HP/UX, UnixWare, SCO, AT&T	Macintosh System (6.x, 7.x), LaserWriter drivers, 2 ports supported, EtherTalk Phaser 2, administrator configuration ability (MarkVision); via MarkVision	LAN Manager 2.0 and above, LAN Server 1.3 and above, OS/2 1.3 or higher; OS/2, Windows; none	requires manual update by manager	16K
MICROPLEX SYSTEMS LTD. Burnaby, B.C. (604) 444-2432 (800) 665-7798	NetWare 4.x under bindery emulation, automatic file server reattach; DOS; none	server-based printer configuration, lpr, lpd, Telnet, FTP, bootp, RARP, raw printer port or Port 9100, SNMP, MIB 2; Solaris, SunOS, HP/UX, UnixWare, SCO, AT&T	Macintosh System (6.x, 7.x), LaserWriter drivers, 4 ports supported, EtherTalk Phaser 2; none	none; none; none	n/a	512K
MILAN TECHNOLOGY CORP. Sunnyvale, Calif. (408) 752-2770 (800) 466-4526	NetWare 4.x under bindery emulation, automatic file server reattach; DOS, Unix; broadcast message	server-based printer configuration, lpr, lpd, Telnet, bootp, RARP, default IP, raw printer port or Port 9100, SNMP, MIB 2; Solaris, SunOS, HP/UX, UnixWare	Macintosh System (6.x, 7.x), LaserWriter drivers, EtherTalk Phaser 2, administrator configuration utility; PAP to spooler	LAN Manager 2.2 and above, LAN Server 3.0 and above, OS/2; OS/2, DOS; none	automatic	32K
PACIFIC DATA PRODUCTS INC. San Diego, Calif. (619) 552-0880 (800) 737-7110	NetWare 4.x under bindery emulation, automatic file server reattach; DOS; none	server-based printer configuration, lpr, lpd, FTP, bootp, RARP, raw printer port or Port 9100, SNMP; DOS	Macintosh System (6.x, 7.x), LaserWriter drivers, administrator configuration utility; none	none; none; none	automatic	512K

EXTERNAL ETHERNET PRINT SERVERS						
COMPANY	FEATURES/FUNCTIONS FOR NETWARE; ADMINISTRATOR CONFIGURATION UTILITY; NOTIFICATION OPTIONS	FEATURES/FUNCTIONS FOR TCP/IP; ADMINISTRATOR CONFIGURATION UTILITY	FEATURES/FUNCTIONS FOR ETHERTALK; NOTIFICATION OPTIONS	FEATURES/FUNCTIONS FOR LAN MANAGER/LAN SERVER; ADMINISTRATOR CONFIGURATION UTILITY; NOTIFICATION OPTIONS	REGISTERS WITH NETWORK PRINTER CONTROL CONSOLE	BUFFER MEMORY
This chart is representative, not all-inclusive. All information is provided by the vendors. An XLS version is available in Library 4 of the PC Week Extra! Forum on ZiffNet. Look for XLS files by issue date.		All products are unit software configurable. All products feature operating system/protocol switching, bidirectional communications, and Pserver and Rprinter modes for NetWare.				

EXTERNAL ETHERNET PRINT SERVERS							
COMPANY	LANGUAGE SWITCHING	PRINTER LOAD BALANCING	FLASH UPGRADES SUPPORTED	CENTRONICS	BI-TRONICS	IEEE 1284	PRICE; WARRANTY; FREE TECHNICAL SUPPORT
AXIS COMMUNICATIONS INC. Woburn, Mass. (617) 938-1188 (800) 444-2947	*	*	*	*		*	$399; 36 months; unlimited with toll-free call
CASTELLE INC. Santa Clara, Calif. (408) 496-0474 (800) 289-7555	*	*		*	*	*	$499; 24 months; 24 months with toll call
DIGITAL PRODUCTS INC. Waltham, Mass. (617) 647-1234 (800) 243-2333	*	*	*			*	$595; 36 months with 1-month money-back guarantee; unlimited with toll-free call
EXTENDED SYSTEMS INC. Boise, Idaho (208) 322-7800 (800) 235-7576	*	*	*	*	*	*	$995; 5 years with 1-month money-back guarantee; unlimited with toll-free call
EMULEX CORP. Costa Mesa, Calif. (714) 662-5600 (800) 854-7112	*		*	*	*	*	$599; 24 months; unlimited with toll-free call
HEWLETT-PACKARD CO. Palo Alto, Calif. (800) 752-0900	*	*	*	*	*	*	$529; 3 years with 3-year money-back guarantee; 3 years with toll call

EXTERNAL ETHERNET PRINT SERVERS							
COMPANY	LANGUAGE SWITCHING	PRINTER LOAD BALANCING	FLASH UPGRADES SUPPORTED	CENTRONICS	BI-TRONICS	IEEE 1284	PRICE; WARRANTY; FREE TECHNICAL SUPPORT
INTEL CORP. Santa Clara, Calif. (503) 264-7354 (800) 538-3373			*	*		*	$599; unlimited; unlimited with toll call
LEXMARK INTERNATIONAL INC. Lexington, Ky. (606) 232-2000 (800) 891-0331	*		*	*	*	*	$549; 12 months with 1-month money-back guarantee; unlimited with toll call
MICROPLEX SYSTEMS LTD. Burnaby, B.C. (604) 444-2432 (800) 665-7798	*	*	*	*	*	*	$595; 36 months with 1-month money-back guarantee; unlimited with toll-free call
MILAN TECHNOLOGY CORP. Sunnyvale, Calif. (408) 752-2770 (800) 466-4526	*	*	*	*			$645-$945 (varies by preconfigured uplink transceiver modules); 5 years; unlimited with toll call
PACIFIC DATA PRODUCTS INC. San Diego, Calif. (619) 552-0880 (800) 737-7110	*	*	*	*		*	$499; 3 years with 2-month money-back guarantee; unlimited with toll call

EXTERNAL ETHERNET PRINT SERVERS							
COMPANY	LANGUAGE SWITCHING	PRINTER LOAD BALANCING	FLASH UPGRADES SUPPORTED	CENTRONICS	BI-TRONICS	IEEE 1284	PRICE; WARRANTY; FREE TECHNICAL SUPPORT
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