

Compact and robust, providing high performance and excellent print quality.



IBM Network Printer 12

Highlights

Quality output with 12 page-per-minute printing, 600 dot-per-inch resolution

Direct attachment to workstations, Local Area Networks (LANs) and IBM hosts

Compatible PCL5e data stream support standard with optional Adobe PostScript and AFP/IPDS support

Low-cost duplex option for two-sided printing

The IBM® Network Printer 12 is designed for business professionals who demand high performance, excellent 600 dot-per-inch print quality and high reliability for personal or small workgroup environments. Compact and robust, the IBM Network Printer 12 features one of the smallest footprints in its class. Total connectivity assures quick and easy installation to LAN and host environments.

Shared environments

Today's environments require support of multiple printer data streams. The IBM Network Printer 12 supports PCL5e and optionally, Adobe® PostScript® Level 2 and IBM's traditional AFP™/IPDS™ as well as SCS. Native support of these data streams allows for consolidation of multiple-platform, application-specific printers to one IBM Network Printer 12.

The IBM Network Printer 12 supports all standard network interfaces. Ethernet, Token-Ring, Coaxial or Twinaxial are optional. The IBM Network Printer 12 automatically switches among printer data streams, interfaces and networks.

With installation of IBM's Network Printer Manager (NPM) utility, system administrators can easily install, configure, monitor and manage the IBM Network Printer 12 from remote locations. The NPM utility was developed using the industry-standard SNMP printer MIB, ensuring future migration support and compatibility.

Forms flexibility

User applications require forms flexibility. The IBM Network Printer 12 supports paper sizes ranging from A6 (4.13" x 5.83") to legal (8.5" x 14") sizes. Additional sizes supported include letter, A4, A5, B5, statement and executive. This printer can also print on card stock, envelopes, transparencies, labels and recycled paper.

The IBM Network Printer 12 comes standard with two media input sources. It has a maximum input of 830 sheets with an optional input drawer. Adding the duplex option for two-sided printing is quick and easy. The standard top exit area holds up to 250 sheets and the rear output tray can hold up to 80 sheets. The rear media exit provides a straight paper path when using the auxiliary tray as the input source. A straight paper path optimizes paper feeding reliability for non-standard media.

High performance

The printer's ability to maintain rated speed while switching between multiple connections and data streams is critical. The wealth of communication sharing options available on the IBM Network Printer 12 make this possible.



The printer uses a combination of I/O buffering, memory management, caching of common routines and permanently stored print resources in the flash memory (2MB or 4MB) or hard drive options. An additional number of microcode features keeps the printer running at the highest possible efficiency.

First-rate print quality

The IBM Network Printer 12 features excellent 600 dpi print quality with TrueRes edge-smoothing technology. Toner Savings Technology can nearly double the toner cartridge yield by reducing the amount of toner placed on the printed page, which provides significant supplies cost savings while maintaining usable output quality.

IBM service and supplies

IBM offers a full range of services to meet your needs, available 24 hours a day, 7 days a week. Initiate a service call via the Internet through Service Direct, or call 1-800-358-6661. Visit the technical support Web page at www.printers.ibm.com for more information.

IBM Network Printer 12 printer supplies and paper are designed to optimize the performance of your printer and consistently deliver exceptional print quality at a competitive price. Call 1-888-IBM-PRINT for a dealer in your area.



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Printed on the IBM Infoprint® Color 100 Full Color Digital Printer

IBM Network Printer 12 at a glance

Print Speed	Up to 12 pages per minute (ppm)	
Monthly Usage	Up to 35,000 pages (simplex)	
Memory	Base memory ¹ (std/max) 4MB/68MB, optional 2MB or 4MB flash memory for resource storage, and optional high capacity hard drive	
Processor	33 MHz Intel 80960 JF, 32-bit RISC	
Paper Capacities	Input	Capacity
	Primary tray:	250 sheets
	Auxiliary tray:	80 sheets/10 envelopes
	Optional drawer with tray:	500 sheets
	Optional envelope tray:	50 envelopes
	Output	
	Top output:	250 sheets (face down, collated)
	Optional rear output tray:	80 sheets (face up, uncollated)
	Duplex (two-sided) printing is optional	
Media	Media specifications	
	— Media types: paper, card stock, labels, transparencies, recycled paper and envelopes	
	— Sheet sizes: A6 (4.1" x 5.8") to legal (8.5" x 14")	
	— Envelope sizes: Com-10, C5, DL and Monarch	
	— Media weights: 16 to 117 lbs. (60 to 190 g/m ²)	
Physical Attachments	Serial (RS232C/422)/Bi-directional Parallel (IEEE 1284) - standard	
	— RISC System/6000 [®] workstations and processors	
	— IBM PCs and compatible workstations	
	— 3174 Controller via the Asynchronous Emulation Adapter (serial)	
	Network Interface Card (NIC) - Options	
	— Ethernet: 10/100BaseTX (RJ-45: 10Base-T-cat3 or 100BaseTX-cat5) or 10BaseT/10Base2	
	— Token-Ring (4 or 16 Mbps): UTP/STP	
	— Twinaxial attachment card: IBM AS/400 [®] e-servers and e-systems; 5394 or 5494 Remote Control Unit	
	— Coaxial attachment card: IBM S/390 [®] Generation 5 server, 3174 Establishment Controller, ES/9000 [®] and ES/9370 [®] Workstation Substation Controller	
Printer Drivers	Microsoft [®] Windows [®] 3.1, 95, 98, NT [®] Workstation 3.51 and Windows for Workgroups 3.11, IBM OS/2 [®] 2.11 and Warp, AIX, colon files, OS/400 [®] Workstation Customization Object (for HPT), Apple Macintosh	
Network Operating Systems	Novell NetWare (IPX/SPX and TCP/IP), IBM Warp (LAN) Server (NetBIOS/NetBEUI and TCP/IP), Microsoft Windows NT Server (TCP/IP), IBM AIX [®] (TCP/IP), Apple System 7 (EtherTalk and TokenTalk), Microsoft LAN Manager (NetBIOS/NetBEUI)	
Software Support	— Network Printer Manager (NPM) for Windows and the Web — PSF [™] /MVS [™] , PSF/VSE [™] , PSF/VM [™] (S/370 [®] -S/390) — PSF for OS/400, PSF for OS/2 and PSF for AIX	
Physical Characteristics	Size:	16.6" width x 16.3" depth x 9.0" height (421 mm width x 415 mm depth x 228 mm height)
	Weight:	27.1 lbs. (12.3 kg)
Power Requirements	Low voltage:	90 V to 110 V, 50/60 Hz and 108 V to 132 V, 60 Hz
	High voltage:	198 V to 264 V, 50/60 Hz
		Voltage determined by country standards
Environmental Conditions	Relative humidity:	15% to 85% RH
	Temperature:	41° to 95°F (5° to 35°C)
	Acoustics:	49.5 dBA (operating); 32 dBA (idle)
Supplies	— UltraFine toner cartridge: 6,000 pages at 5% coverage — Up to double the page yield (12,000 pages) may be obtained using Toner Savings Technology	

¹Additional memory may be required depending on printer configuration and print job complexity.

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