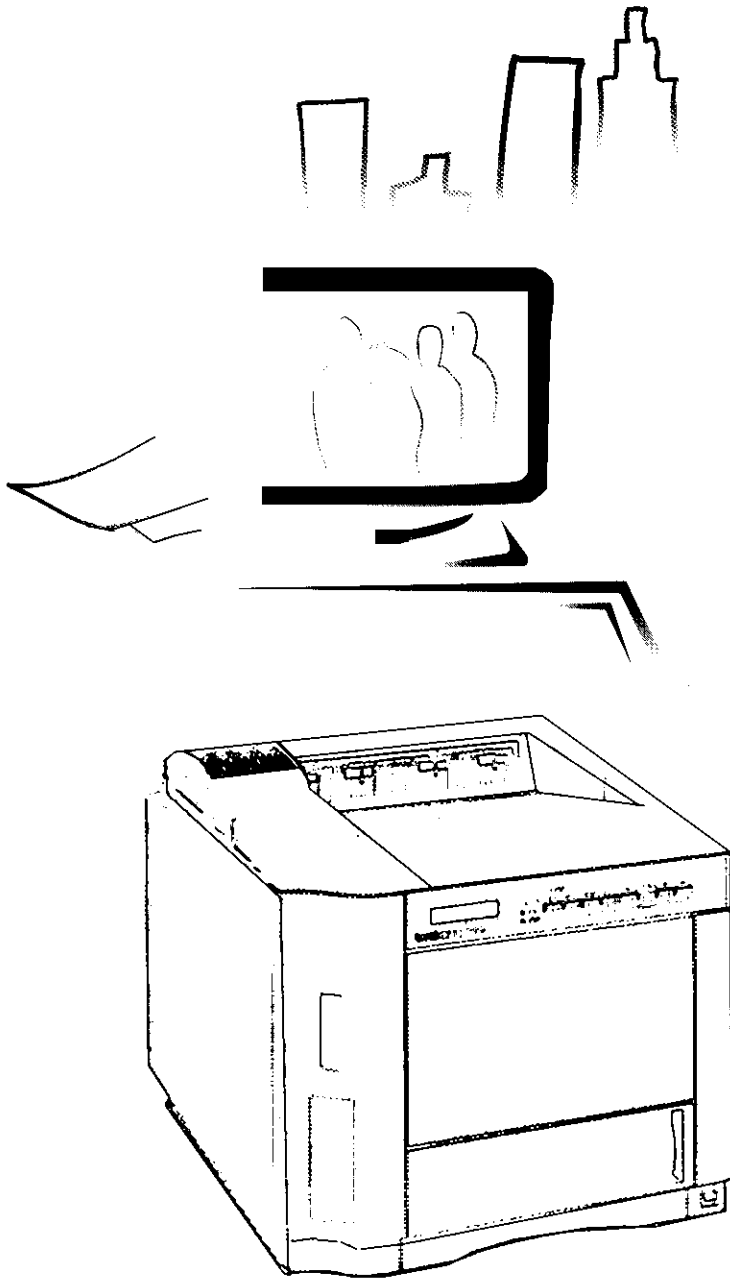


Laser Printer

- 1200 DPI Graphics Quality
- 17 Pages Per Minute



HL-1660N

Ethernet Ready Laser Printer

- ◆ Includes internal multi-protocol Ethernet LAN print server
- ◆ 1200 DPI Class Graphical Output
 - 1200 (H) x 600 (V) DPI Graphics Resolution
 - True 600 x 600 DPI (Text)
 - Advanced Photoscale Technology
 - High Resolution Control
 - 87 fonts and 11 bar codes
- ◆ Standard BR-Script Level II (PostScript® Level II), PCL-5e & HP-GL2, Epson®, and IBM® Proprinter™ emulations
- ◆ Outstanding paper handling and optional duplex unit
- ◆ PCMCIA Type III expansion bus slot for increased storage

1200 DPI
GRAPHICS CLASS



We're at your side.
brother®

THE HL-1660N IS THE MULTI-PROTOCOL NETWORK PRINTER TO HANDLE YOUR MOST DEMANDING PRINTING NEEDS.

The HL-1660N is designed for today's business and graphics professional who needs high-speed, high-quality printing in a Novell®, UNIX®, Windows NT®, IBM® OS/2 Warp Connect® or Apple® EtherTalk™ Phase II inter-networked environment. Support for most Ethernet networks is already built into each HL-1660N, since the printer includes both 10 Base T (RJ-45) and 10 Base 2 (BNC) connectors.

With the HL-1660N, it's as if each Network Operating System has its own dedicated print server. For remote management and diagnostics of enterprise wide area network printing, Novell NetWare 4.X NDS® technology is included. Users in a multiple file server WAN environment can switch between PCL™ and PostScript™ printer emulations, or sense which paper sizes are needed, without leaving their desks to change front panel configurations. An unlimited number of network print queue assignments are also supported.

Since the HL-1660N includes a built-in font rasterizer and optional, expanded PCMCIA storage capability, scalable typefaces, forms, and digitized images can be stored directly in the printer, then executed remotely, by macro, over WAN links, without tying up the network with excessive traffic. The HL-1660N's standard high-capacity 500 sheet paper cassette and 150 sheet multi-purpose trays further maximize the Brother advantage for unattended printing over LAN's.

Major features:

Print Professional-Looking Documents over an Ethernet LAN

- True 1200 x 600 DPI Resolution (Graphics)
- True 600 x 600 DPI Text Printing with High Resolution Control
- 87 total fonts, 11 bar codes
- Advanced Photoscale Technology with up to 256 levels of gray-scale
- 500 Sheet adjustable paper cassette
- 150 Sheet multi-purpose paper input tray
- 4 MB RAM standard - expandable to 66 MB
- Allows typical client workstation printer software drivers - Windows® 3.1, Windows® 95, Windows® NT, DOS, or Apple LaserWriter® to transparently print on the network
- Use of the HL-1660N's built-in font rasterizer, PCMCIA slot, or font cartridge slot can reduce WAN traffic further

Fast, Enhanced Printing

- 17 Page per minute print engine (letter size paper)
- Built-in multi-protocol network interface support for Novell IPX/SPX, TCP/IP, and EtherTalk Phase II LAN's. Includes Novell NDS Technology
- PCL-5e, BR-Script Level II (PostScript Level II language emulation) HP®-GL2, Epson® FX-850, IBM® ProPrinter™ XL emulations standard
- Proprietary data compression mode for faster file printing
- Optional Duplex and Auxiliary Paper input units available
- The HL-1660N includes Windows, UNIX and Macintosh network printing utilities, on diskettes, for remote management and diagnostics

For more information please call the Brother fax-back system 1-800-521-2846 or visit our web site at <http://www.brother.com>



Every Brother Laser printer is manufactured for shipment at factories that maintain ISO (International Organization for Standardization) 9002 quality standards. Brother HL 600/660/700/1060/1260/1660 Series are covered by one or more of the following patents: USP 4,968,159; USP 5,050,228; USP 5,068,805; USP 5,086,481; USP 5,093,904; USP 5,126,788.
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Specifications

Technology	
Print Method/Speed	Electrophotography/17 PPM (Letter size paper)
CPU	20 MHz IDT 3041 RISC Processor
Resolution	True 1200 x 600 DPI (Graphics) True 600 x 600 DPI (Text)
RAM - Standard Maximum	4MB 66MB via Standard SIMMs
Noise Level	52dBa (printing), 45dBa (standby)
Power Supply	110/120V, 60 Hz
Power Consumption	340W or less (printing), 75W or less (standby)
Power Save Mode	16W or less (standby with Power Save)
Economy Print Mode	Yes
Compatibility	
Ethernet Connections	Both 10 Base T and 10 Base 2 (RJ-45 & BNC)
Interfaces (Standard)	High-Speed Bi-Directional Centronics Parallel, Serial
Auto Interface Switching	Yes
Emulations	HP LaserJet 4+™ (PCL 5e), IBM ProPrinter XL, Epson FX-850; BR-Script Level II (PostScript Level II Language Emulation)
Patented Auto Emulation Switching	Yes
IC Card Slot	PCMCIA Type I, II, III Slot; Accepts optional flash memory cards or hard drives for data storage
LAN Protocols	Simultaneous Multi-Protocol: IPX/SPX with NDS Technology, TCP/IP, EtherTalk Phase II
Network Operating Systems (NOS)	Novell NetWare 2.X, 3.X, 4.X; UNIX (various); Windows NT; OS/2 Warp Connect; Apple Macintosh AppleShare; SCO Xenix; and others through TCP/IP support
Network Clients	Windows 3.1, Windows for Workgroups, Windows 95, Windows NT, Apple Macintosh etc., through Network OS Client Support or third party TCP/IP applications, including SNMP utilities
Management Utilities	NIManage for Windows, UNIX easy scripting for lpr/lpd, NIManage for Macintosh
Paper Handling	
Paper Types	Letter, Legal, A4, A5, A6, B5, B6, C5, DL, Executive, Envelopes, Transparencies, Laser label sheets, Index cards
Standard Paper Input	150 Sheet Multi-Purpose Tray; 500-Sheet Adjustable Tray
Options	500 Sheet Letter Tray; (LT-1600) Duplexing Unit (DX-1600)
Paper Output	250 Sheets - Face Down
Fonts	
Standard	87
Bar Codes (Scalable)	11 - EAN8, EAN13, UPC-A, UPC-E, CODE39, Interleaved 2 of 5, CODABAR, ISBN, US PostNet, CODE128, EAN128
Downloadable Fonts	Accepts downloadable scalable and bitmap fonts - limited only by memory
Resident Scalable Font Rasterizers	TrueType, Intellifont, Type I
Font Slots	HP®-compatible font cartridge slot and PCMCIA card slot
Consumables	
Toner Cartridge	Microfine - Industry Standard One Piece
Dimensions	
Unit Weight/Shipping Weight	32 lbs. (14.5kg)/40.2 lbs. (18.2kg)
Unit Dimensions (WxDxH)	14.6"x15.5"x12.9" (371.6mm x 393mm x 326.5mm)
Shipping Dimensions (WxDxH)	23.2"x18.5"x15.9" (590mm x 470mm x 405mm)
UPC	012502524700
Reliability	
Warranty	1 year limited