

HL-1850 & HL-1870N			
<b>ENGINE</b>			
Technology			Electrophotographic
Print Speed A4	Standard Letter Duplex	Monochrome Monochrome Monochrome	18 pages per minute 19 pages per minute 8.5 sheets per minute
First Print Time		Less than 12 seconds	(This is the time taken from when the printer receives a PRREQ signal in the READY state to when one sheet from the standard tray is printed and delivered onto the output tray)
Resolution	High Quality Normal Draft		HQ1200 dpi 600 x 600 dpi 300 x 300 dpi
<b>CONTROLLER</b>			
Processor			Fujitsu MB86834 (100MHz)
Memory	Standard Optional		16 MB HL-1850, 32MB <sup>1</sup> HL-1870N 1 DIMM (100pin) slot, (16, 32, 64, 128MB), indicating a possible expansion up to 144 MB memory
Interface Network Connectivity	Standard Interface Protocol Management		This printer has as standard IEEE 1284 Parallel and USB interface 10/100 BaseTX Ethernet (Auto Negotiation) (Optional with HL-1850) TCP/IP, AppleTalk, IPX/SPX, NetBEUI, DLC/LLCDECLAT, Banyan VINES BRAdmin Professional Web Based Management
Emulation Resident Fonts	PCL BR-Script3 Optional		PCL6, BR-Script3, PostScript Level 3 Language Emulation, IBM Proprinter XL, Epson FX-850 66 scalable fonts, 12 bitmap fonts, 11 bar codes 66 fonts 136 Agfa PS3 fonts
<b>SOFTWARE</b>			
Printer Driver			PCL Driver for Windows <sup>®</sup> 95/98/Me, NT <sup>®</sup> 4.0/2000 Professional and XP BR-Script3 (PPD file for Windows <sup>®</sup> 95/98/Me, NT <sup>®</sup> 4.0/2000 Professional/XP and MacOS 8.6 - 9.2 and OS X 10.1)
Utility			Storage manager (For Windows <sup>®</sup> only) Interactive help (via CD on-line support, using on-screen guidelines and moving pictures) Driver deployment wizard 1.5 (step-by-step installation of a Brother Network printer on a networked Windows <sup>®</sup> PC)
<b>CONTROL PANEL</b>			
Display	LCD Back-lit LED		1 line of 16 characters 3 colour indicators 1 LED
Switches			There are 7 buttons, Go, Job Cancel, Reprint, Menu, Back, and 2 Scroll Keys
<b>PAPER HANDLING</b>			
Paper Input*	Standard Multi-purpose tray Optional		250 sheets 100 sheets, plus envelopes and labels Total paper capacity of 600 sheets can be stored, if the optional lower tray is chosen (250 sheets)
Paper Output* Duplex Unit	Standard		150 sheets face down or 50 sheets face up can be stored in the output paper tray Automatic**
<b>MEDIA SPECIFICATIONS</b>			
Media Types	This printer accepts the following media types: Standard Optional Standard	Standard Tray: Lower Tray: Multi-purpose Tray:	Plain paper, Bond paper, Recycled Paper & Transparencies # Plain paper, Bond paper, Recycled Paper & Transparencies # Plain paper, Bond paper, Recycled Paper, Transparencies, Envelopes and Labels
Media Weights	This printer accepts the following media weights: Standard Optional Standard	Standard Tray: Lower Tray: Multi-purpose Tray:	60 - 161g/m <sup>2</sup> 60 - 105g/m <sup>2</sup> 60 - 161g/m <sup>2</sup>
Media Sizes	This printer accepts the following media sizes: Standard Optional Standard	Standard Tray: Cut sheet: Lower Tray: Cut sheet: Multi-purpose Tray:	A4, Letter, B5(JIS/ISO), A5, B6(ISO), A6, Executive, Legal A4, Letter, B5(JIS/ISO), A5, B6(ISO), A6, Executive, Legal Custom: 69.8x116mm - 216x356mm
<b>PRINTER DRIVER FUNCTIONS</b>			
Page Layout	N in 1 Poster Watermark		Can reduce 2, 4, 9, 16 or 25 A4 pages to print onto 1 A4 page. Can enlarge 1 A4 page to print onto 4, 9, 16 or 25 A4 pages. This feature can be used to watermark your documents with predefined text or bitmap image or with your own user-defined message / image.
Others	Booklet Printing Quick Print Setup Secure Printing		Utilising duplex this can produce booklet printing Allows users to quickly select print options in the driver. Enables you to send documents directly to the printer, those documents will only be printed as and when you enter your personal PIN number into the printer.
<b>SUPPLIES</b>			
	Toner Black Drum		6,500 A4 or letter pages @ 5% coverage 20,000 continuous A4 or letter pages
<b>DIMENSIONS/WEIGHTS</b>			
	Dimensions Weight		(425mm width) x (424mm depth) x (275mm high) 14.5Kg (including the drum unit and toner cartridge) HL-1850 14.7Kg (including the drum unit and toner cartridge) HL-1870N
<b>OTHERS</b>			
Power Consumption	Printing Standby Sleep		Less than 410WH Less than 70WH Less than 9WH
Noise Level	Printing Standby		Less than 50 dB Less than 30 dB
Ecology	Power Saving Toner Saving		Enables the printer to consume less energy when not in use. Reduces toner usage and helps to reduce the total cost of printer ownership.

<sup>1</sup> 16MB on board with an additional 16MB via the DIMM slot  
\* Calculated with 80g/m<sup>2</sup> paper  
\*\* Only A4, letter and legal paper (60-150g/m<sup>2</sup>) with paper output delivery face down  
# Up to ten transparency sheets

Contact:



At your side.  
**brother**®

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HL-1850/  
HL-1870N

HL-1870N HL-1850



HL-1870N shown  
with optional  
lower tray



What to Buy  
for business

April 2002

## HL-1850 / HL-1870N

High speed laser printers with automatic duplex as standard  
The professional printing solution for high input users  
and workgroups



Up to 18ppm



Built-in  
automatic  
duplex



Network Ready  
(Standard HL-1870N,  
Optional HL-1850)



3 Colour LCD

Duplex

At your side.  
**brother**®

# the ideal solution

The professional printing solution for high input users and workgroups



With optional lower tray

The Brother HL-1800 series printers are designed to meet your professional printing requirements and combine total quality with high performance and reliability. As well as outstanding quality, various economical features of the HL-1800 series printers mean real cost benefits are provided along with a professional finish to all your documents.

- Up to 18ppm print speed
  - Crisp text and graphics with Brother HQ1200 print quality
  - Built-in automatic Duplex as standard for double sided printing
  - Large paper input capacity of up to 600 sheets (with optional tray)
  - Versatile connectivity
  - 16MB of memory as standard, expandable up to 144MB
  - 3 colour backlit LCD display for easy status recognition
  - Easily replaceable long life consumables
- HL-1870N includes all of the above plus
- Advanced 10/100 BaseTX network capabilities with sophisticated management software as standard
  - 32MB of memory as standard, expandable up to 144MB





## Flexibility

**Paper handling** As well as having Auto Duplex as standard, there are three possible input sources, including standard, multi purpose trays and an optional lower tray, giving a maximum 600 sheet capacity that allows the support of 3 different media types and sizes at any one time.

**Connectivity** To maximise the flexibility of the 1800 series printers they support most PC and Mac computing environments, and are equipped with parallel and USB ports as standard as well as an optional IrDA connection.

## Ease of use

**Simple user interface** Designed to be user friendly, the control panel is clear and simple to use. It has a backlit LCD which changes colour so that the status of the printer can be easily recognised. **On-line support** On-line Interactive Help feature assists you on your screen any time you need product support.



RED  
= Error



AMBER  
= Information



GREEN  
= Ready to print

# Advanced Network capabilities

The HL-1870N printer is highly versatile and can connect to a wide range of network environments. With the inclusion of the powerful BRAdmin Professional software you have sophisticated network and printer management for both Brother and other SNMP printers.

The BRAdmin Professional software system can play a vital role in helping to manage your network printers.

With a built-in web server, users can also manage the printer via a web browser within Windows, Mac and Unix environments.

## Useful Software features

In addition to the other features that the HL-1800 series printers provide, useful software is included to help improve productivity and ease of operation of the products even more.

### Secure Print Function

Allows users to send confidential documents from their Windows applications in secure mode. Confidential documents can only be printed by entering a PIN number on the printer front panel, or by logging on to the printer using a web browser and selecting the secure print option.

### E-mail Notification

In the event of errors such as paper empty, paper jam etc., the HL-1870N printer can automatically send e-mail messages to individuals or groups of users informing them of the problem.

### Storage Manager Software

Manages electronic forms, fonts, macros and logos, storing them in the printer memory.

### Network Printer Driver Wizard

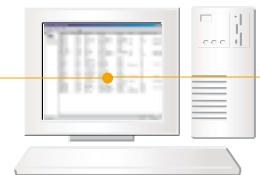
Step by step guide to the installation of your Brother network printer in a Windows environment.

### Quick Print Setup

Enables changes to the printer driver settings from the task bar without having to open the properties dialogue box.



Web based Management



BRAdmin Professional



Status Monitoring & Interactive Help



E-mail Notification



HL-1850  
HL-1870N