

At your side.
brother[®]

HL-6050
HL-6050D
HL-6050DN

Brother | HL-6050/D/DN



HL-6050

- Optional Network Interface

HL-6050D

- Duplex Printing as Standard
- Optional Network Interface

HL-6050DN

- Duplex Printing as Standard
- Network Interface as Standard



Telephone



<http://solutions.brother.com>

Always at your side

**In today's corporate office there's
only room for the serious players.**



HL-6050
HL-6050D
HL-6050DN

mono printers

An office where serious quantities of printing can be expected on a daily basis is no place to take chances.



The Brother HL-6050 series has been designed to manage the printing demands of the corporate office and to produce outstanding performance not just some days, but every day. The high speed output of upto 24ppm is impressive by any standards, as is the paper capacity of up to 1100 sheets when an optional lower tray is included.

The standard memory of 32MB is expandable up to 160MB, giving excellent work capability. And to add to your printing flexibility, duplex printing and full network connectivity are available with this range of printers, dependant on choice of machine. Yet despite its remarkable abilities, the HL-6050 series remains simple and easy to operate with the reliability that you expect from Brother. The obvious choice for the professional.

Bringing a competitive edge to any office

Whichever model you choose from the HL-6050 range you can be sure of reliable performance, day in day out. The control panel is simplicity itself and comes complete with a three colour back-lit LCD that gives instant status recognition to keep downtime to a minimum. The low power consumption and the long life you can expect from Brother supplies are sure to keep the finance department happy. And the beauty of both the HL-6050 and HL-6050D is that they can be upgraded as and when required to suit the changing nature of your printing.

Features

- Up to 24ppm print speed
- 1200 x 1200dpi resolution
- Built in duplex printing*
- 32MB standard memory expandable up to 160MB
- Standard 500 sheet input tray plus 500 sheet optional tray
- 100 sheet Multi purpose tray
- Secure print
- Parallel & High Speed USB 2.0
- Windows, Mac and Linux compatibility
- 10/100 Base TX Print Server with powerful management software**

* HL-6050D and HL-6050DN only.

**Network standard on the HL-6050DN. Optional on HL-6050 and HL-6050D.



Separate Toner and Drum
Consistently reducing costs



HL-6050

- Optional Network Interface



HL-6050D

- Optional Network Interface
- Duplex Printing as Standard



HL-6050DN

- Network Interface as Standard
- Duplex Printing as Standard



Flexibility that works

Almost any printer will claim to be able to offer 'flexible solutions' to the modern office. Yet it is another thing altogether to be able to fulfil those claims. With the Brother HL-6050 series, the proof is in the performance. Nowadays, most office workgroups incorporate a variety of operating systems including Windows, Mac and LINUX. The HL-6050 series has been designed specifically with this in mind and can handle input from any of these systems. Parallel and High Speed USB 2.0 ports mean connection couldn't be easier, so you are in business immediately.



500 Sheet Optional Lower Tray
Invaluable where a variety of printing stock is used!

However, it is perhaps with the paper input options where you will see particular benefits. The HL-6050 series comes complete with 500 sheet paper tray and 100 sheet Multi-purpose tray as standard. There is also the option to add another 500 sheet lower paper tray. It is this capability that will prove invaluable to any office where a variety of printing stock is used on a regular basis.

The 'Job Cancel' and 'Reprint' functions are sure to cut down on the number of errors and frustrations which inevitably creep into a busy office environment. And the built-in Braille key-pad has an eye on the future of incoming Government directives.



Duplex printing

It is important to consider the advantages that duplex printing brings to the efficiency and performance of the modern office, which is why this is an integrated feature of the HL-6050D and HL-6050DN. This feature can not only reduce time and effort, but there are savings to be made both to running costs and to the environment with less paper required.

Booklet printing becomes as simple and easy as any other form of printing and creates an altogether more professional range of documents for both internal and external presentations. For instance, a 32 sheet A4 document can be reduced to an A5 booklet comprising of 8 A4 sheets.



Booklet printing
Reduce an A4 32 page document into an A5 8 page booklet!

The Duplex function is very straight-forward to set up. There is nothing additional to buy and comes as standard on the HL-6050D and HL-6050DN.

Network connectivity

The Brother NC-6100h Network Interface makes connecting your new printer to a network effortless – just how it should be. This connectivity comes as standard with the HL-6050DN and is available as an option on the HL-6050 and HL-6050D.

Network printing

Compatible with most popular protocols and platforms, including Microsoft Windows, Macintosh, Novell, Unix and Linux operating systems, the combination of the NC-6100h and your Brother machine, make it more than capable of coping with network demands.

Network management

To ensure that your network truly works means that you need to be able to manage it easily and effectively, and we are happy to play our part in making your life easier. As such, we've made available a number of tools to help you proactively manage your network-connected printers.

We've also embedded a Web Server. This means that, regardless of your web browser, you can easily manage your Brother machine.



And to make our network management offering complete, we provide our BRAdmin Professional Software for administering LAN connected printers. An Enterprise edition of this software for administering WAN connected printers can be downloaded from the web site shown below.

Networking Macintosh



Rendezvous

The HL-6050 series are Rendezvous-ready printer. Using the optional NC-6100h makes connecting your

printer to the network easy. It uses industry standard networking protocols and zero configuration technology to automatically discover and connect devices on an IP network.

For a full list of specifications for the NC-6100h Print Server, please go to <http://solutions.brother.com>





Equipment like the HL-6050 series form part of a new generation of laser printers. Printers designed with you, your employees and your business in mind.

Standard features that make the difference

The Brother HL-6050 series comes with a number of standard features that really do make a difference to performance.

With confidentiality becoming an increasing consideration the integral 'secure print' feature will prove invaluable.

There is also automatic e-mail notification regarding the status of the printer. If there is a technical fault, paper jam or low toner, the relevant person can be set up to receive an e-mail so that action can be taken immediately, again limiting the frustration of downtime.

The barcode printing function will prove invaluable to any distribution or retail operation with 11 standard and 10 additional bar code options.

The HL-6050 series also comes with SAP printing as standard.

TCO '99 and the perfect office

Responsibility for employee welfare has never been more critically discussed than right now. Nor is there any escaping the fact that the onus for environmental improvements in the workplace is most definitely on the employer. Increasingly, as a policy of 'green procurement' influences buying decisions, products that are people friendly and environmentally sound are the products of choice.

And that's where Brother can help.



Working hand in hand with TCO - the organisation that campaigns globally for People-friendly, environmentally

sound and safer equipment for the workplace - Brother is developing office equipment designed to safeguard your employees.

HL-6050/D/DN

Technical specification

ENGINE		
Technology	A4	Electrophotographic
Print Speed	Duplex Printing (D & DN version only)	Up to 24 ppm Up to 11 ppm
First Print Time		Less than 11 sec
Resolution	Windows 95 / 98 / Me and NT4.0 / 2000 / XP DOS Mac OS Linux	1200 x 1200 / 600 / 300 dpi 600 dpi 1200 x 1200 / 600 / 300 dpi 1200 x 1200 / 600 / 300 dpi
CONTROLLER		
Processor		Aurora (SPARCite 200MHz)
Memory	Standard Option	32MB Expandable up to 160MB using 100pin DIMM
Interface	Standard	IEEE 1284 Parallel, Hi-Speed USB2.0
Network Connectivity	Interface	Optional 10/100BaseTX (NC-6100h) Standard on DN version Optional 802.11b/g (NC-7100w) Wireless Protocol TCP/IP, Netware IPX/SPX, AppleTalk, DLC/LLC, NetBEUI Management tool BRAdmin Professional (Brother original Windows utility for print server management) Web BRAdmin - download from http://solutions.brother.com Web Based Management (Print and print server management through Web Browser) Compact Flash Memory
Storage Emulation	Option	PCL6, BR-Script 3 (PostScript level 3 language emulation), IBM Proprinter XL, Epson FX-850
Resident Fonts	PCL BR-Script3 (PostScript level 3 language emulation) Option Option	66 scalable fonts, 12 bitmap fonts, 11 bar codes 66 fonts 10 Agfa Barcode Fonts (BT-1000) 136 Agfa PS3 fonts (BS-3000)
SOFTWARE		
Printer Driver	For Windows For Macintosh For Linux (Download from http://solutions.brother.com)	PCL Printer Driver for Windows 95 / 98 / Me, and NT4.0 / 2000 / XP BR-Script 3 (PPD file for Windows 95 / 98 / Me, NT4.0 / 2000 / XP) Brother Laser Driver for Mac OS 8.6 - 9.2, Mac OS X 10.1/10.2 BR-Script 3 (PPD file for Mac OS 8.6 - 9.2, and Mac OS X 10.1/10.2) GDI Printer Driver for Linux BR-Script 3 (PPD file for Linux)
Utilities		Interactive Help - Instructional movie for the solution when any error message appears on the Status Monitor. Driver Deployment Wizard - This guides you through the steps of installing a Brother network printer on a networked Windows PC.
CONTROL PANEL		
Display	LCD LED	1 line, 16 Digits, 3 colors 1 LED
Buttons	7 buttons	Go, Job Cancel, Reprint, Set, Back and 2 scroll buttons

PAPER HANDLING		
Paper Input	Multi-Purpose Tray Paper Tray 1 (Standard) Paper Tray 2 (Option)	Up to 100 sheets can be stored in the MP tray Up to 500 Sheets can be stored in paper tray 1 Up to 500 Sheets can be stored in paper tray 2
LT-6000 Paper Output	Face Down / Face up	Up to 250 Sheets or 50 sheets can be stored in the output tray face up or face down respectively
Duplex	Standard - face down (D & DN version only)	Automatic Duplex - A4 / letter / legal

MEDIA SPECIFICATIONS		
Media Types	Multi-Purpose Tray Paper Trays 1 & 2	Plain Paper, Bond Paper, Recycled Paper, Envelopes, Labels, and Transparencies Plain Paper, Bond Paper, Recycled Paper, Transparencies (up to 10 sheets)
Media Weights	Multi-Purpose Tray Paper Trays 1 & 2	60 - 161 g/m ² (16 - 43 lb) 60 - 105 g/m ² (16 - 28 lb)
Media Sizes	Multi-Purpose Tray Paper Trays 1 & 2	Width 69.9 to 215.9 mm, Length 116 to 406.4 mm (Width 2.75 to 8.50, Length 4.57 to 16) A4, Letter, B5(ISO), A5, B6(ISO), A6*, Exe, Legal (*Optional paper tray does not accept A6)

PRINTER DRIVER FUNCTIONS**		
Page Layout	N-up Printing Poster Printing Watermark Printing	Condense 2, 4, 9, 16 or 25 pages into 1 page Enlarge 1 page to print over 4, 9, 16 or 25 pages This feature can be used to watermark your documents with predefined text or with your own user defined messages
Others	(D & DN version only)	Quick Print Setup - A printer driver function that enables you to change the driver setting without opening Property dialog. Status Monitor - A function to indicate the printer error on the PC, and also shows help movies Secure Printing - A function that enables you to suspend private or confidential documents until the password is entered on the control panel or web browser Booklet Printing - This option enables you to print a document into a booklet using duplex print and arranging the document according to the page number

SUPPLIES		
Toner	TN-4100	7,500 A4/LTR pages @5% coverage
Drum	DR-4000	30,000 A4/LTR pages (1 page / job)

DIMENSIONS/WEIGHTS		
Dimensions (WxDxH)		400 x 425 x 310 mm (15.7" x 16.7" x 12.2")
Weights	HL-6050 HL-6050D & DN	20.3 kg / 44.66 lbs 20.8 kg / 45.76 lbs

OTHERS		
Power Consumption	Printing Standby Sleep	Less than 600 WH Less than 110 WH Less than 8 WH
Noise Level	Sound Pressure/Power Printing Sound Pressure/Power Standby	Less than 52 dB(A) / Less than 6.4 B(A) Less than 39 dB(A) / Less than 4.9 B(A)
Ecology	Power Saving Toner Saving	Yes Yes

Minimum System Requirements					
Computing System	Operating System Version	Processor Speed	Minimum RAM	Recommended RAM	Available Hard Disk Space
WINDOWS*	95, 98, 98SE	486-66MHz	8MB	16MB	40MB
	NT 4.0	Pentium 75MHz	16MB	32MB	50MB
	W2K	Pentium 133MHz	64MB	128MB	50MB
	Me	Pentium 150MHz	32MB	64MB	50MB
	XP	Pentium 300MHz	128MB	128MB	50MB
MAC*	OS 8.6 - 9.2 OSX 10.1 / 10.2.1	All base models meet minimum requirements	32MB 128MB	64MB 160MB	50MB 50MB

WORKS WITH:	MINIMUM SYSTEM REQUIREMENTS				
	Operating System Version	Processor Speed	Minimum RAM	Recommended RAM	Available HDD Space
WINDOWS	Windows 95, 98, 98SE	486-66MHz	8MB	16MB	40MB
	NT 4.0	Pentium 75MHz	16MB	32MB	50MB
	W2K	Pentium 133MHz	64MB	128MB	50MB
	Me	Pentium 150MHz	32MB	64MB	50MB
	XP	Pentium 300MHz	128MB	128MB	50MB
Apple Macintosh OS 8.6 to 9.2 OS X 10.1 to 10.2.1 or greater	All base models meet minimum Systems requirements		32MB 128MB	64MB 160MB	50MB 50MB

Contact:



Brother UK Ltd.,
Audenshaw, Manchester M34 5JD
Tel: 0870 830 4000 (National Rate Call)
Fax: 0870 830 4031
www.brother.co.uk



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