

HL-6050D HL-6050DN Laser Printer with Duplex



HL-6050D

Optional Network Interface

HL-6050DN

Network Interface as Standard

up to
24
ppm

Up to 24ppm
Print Speed



Built-in
Automatic
Duplex



Network Ready
(HL-6050DN Only)



Windows™
Compatible



Mac™
Compatible



USB 2/ Parallel



Memory
Expandable
up to 160MB

up to
1100
pages

Paper Capacity
Up to 1100pages



24 hour 7 day
Online Help

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



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

Key Features

- Up to 24ppm print speed
- Up to 1200 x 1200dpi resolution
- Built in duplex printing
- 32MB standard memory expandable up to 160MB
- Standard up to 500 sheet input tray plus up to 500 sheet optional tray (LT-6000)
- Up to 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*

* Network standard on the HL-6050DN.

Optional on HL-6050D



Seperate Toner and Drum
Consistently reducing costs



The Brother HL-6050D & HL-6050DN have been designed to manage the printing demands of the corporate office and to produce outstanding performance. The high print speed of up to 24ppm is impressive by any standards, as is the paper capacity of up to 1100 sheets when an optional lower tray (LT-6000) 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 the choice of machine. Yet despite its remarkable abilities, the HL-6050D & HL-6050DN remain simple and easy to operate with the reliability that you expect from Brother. The obvious choice for those wanting professional results.

Bringing a competitive edge to any office

Whichever model you choose from, the HL-6050D & HL-6050DN 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. Additionally the low power consumption and the long- life consumable from Brother supplies are sure to keep the finance department happy. And the added benefit of these printers are that they can be upgraded when required to suit the changing demands of your printing.



HL-6050D

- Duplex Printing as Standard
- Optional Network Interface



HL-6050DN

- Duplex Printing as Standard
- Network Interface as Standard

Flexibility that works

Compatibility

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-6050D & HL-6050DN, the proof is in the performance. Nowadays, most office workgroups incorporate a variety of operating systems including Windows, Mac and LINUX. These printers have 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.



Up to 500 Sheet Optional Lower Tray (LT-6000)
Invaluable where a variety of printing stock is used!

Upgradeable paper handling

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

User friendly features

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 keypad adds a new dimension to the features on this printer.



HL-6050D without optional Lower tray (LT-6000)

Duplex Printing

It is impossible to underestimate 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 allows you to print double sided documents and this ensures you save time, money and space in your office. Benefits for both the environment and improved running costs for your office. 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.



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

Booklet Printing

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.

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-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.

Embedded Web Server

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.

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

Networking Macintosh



Rendezvous

This is a 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.



HL-6050DN with optional Lower tray (LT-6000)

* At 75gsm paper



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

High performance standard features that make the difference

The Brother HL-6050D and HL-6050DN come with a number of standard features that really do make a difference to performance.

Secure Printing

With confidentiality becoming an increasing consideration, the integral 'secure print' feature will prove invaluable. This standard feature ensures that sensitive documents can only be printed once a user-unique PIN has been entered into the printer via the control panel or web browser – eliminating the worry of your newly printed document being picked up by the unauthorised person.

Automatic Email Notification

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.

Barcode Printing

The barcode printing function will prove invaluable to any distribution or retail operation with 11 standard and 10 additional bar code options. (BT-1000)

SAP

The HL-6050D and HL-6050DN also comes with SAP printing as standard. This allows access to more Brother printer features than usual with other manufacturers.

TCO '99 and the perfect office

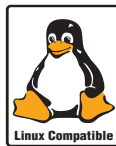


Increasingly, as a policy of 'green procurement' influences buying decisions, so does products that are people friendly and environmentally sound. And that's where

Brother can help.

Brother is the only printer manufacturer with TCO 99 certification. TCO'99 is a exacting standard governing product safety, ergonomics, handling and physical design, working environment emissions, total environmental management strategy, manufacturing processes, ecology and the operator's manual.

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.



Technical Specification

ENGINE

Technology	A4	Electrophotographic
Print Speed	Duplex Printing	Up to 24 ppm Up to 11 ppm
First Print Time		Less than 11 sec
Resolution	Windows® 95 / 98 / Me and NT®4.0 / 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	Standard	200MHz
Memory	Option	32MB
Interface	Standard	Expandable up to 160MB using 100pin DIMM
	HL-6050DN	IEEE 1284 Parallel, Hi-Speed USB2.0
Network Connectivity	Interface	As above + 10/100BaseTX Network (NC-6100h)
	Protocol	Optional 10/100BaseTX (NC-6100h)
	Management tool	Standard on HL-6050DN TCP/IP, Netware IPX/SPX, AppleTalk, DLC/LLC, NetBEUI 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)
Storage Emulation	Option	Compact Flash Memory
Resident Fonts	PCL BR-Script3 (PostScript® 3 language emulation) Option Option	PCL®6, BR-Script 3 (PostScript® 3 language emulation), IBM® Proprinter XL, Epson® FX-850 66 scalable fonts, 12 bitmap fonts, 11 barcodes 66 fonts 10 Agfa Barcode Fonts (BT-1000) 136 Agfa PS3 fonts (BS-3000)

SOFTWARE

Printer Driver	For Windows	PCL Printer Driver for Windows® 95 / 98 / Me, and NT®4.0 / 2000 / XP BR-Script 3 (PPD file for Windows 95® / 98 / Me, NT®4.0 / 2000 / XP)
	For Macintosh	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)
	For Linux (Download from http://solutions.brother.com)	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	1 line, 16 Digits, 3 colours
	LED	1 LED
Buttons	7 buttons	Go, Job Cancel, Reprint, Set, Back and 2 scroll buttons

PAPER HANDLING

Paper Input	Multi-Purpose Tray	Up to 100 sheets** can be stored in the MP tray
	Paper Tray 1 (Standard)	Up to 500 sheets** can be stored in paper tray 1
LT-6000	Paper Tray 2 (Option)	Up to 500 sheets** can be stored in paper tray 2
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	Automatic Duplex - A4 / letter / legal

MEDIA SPECIFICATIONS

Media Types	Multi-Purpose Tray	Plain Paper, Bond Paper, Recycled Paper, Envelopes, Labels, and Transparencies
	Paper Trays 1 & 2	Plain Paper, Bond Paper, Recycled Paper, Transparencies (up to 10 sheets)
Media Weights	Multi-Purpose Tray	60 - 161 gsm
	Paper Trays 1 & 2	60 - 105 gsm

Media Sizes	Multi-Purpose Tray Paper Trays 1 & 2	Width 69.9 to 215.9 mm, Length 116 to 406.4 mm A4, Letter, B5(SO), A5, B6(SO), A6*, Exe, Legal (*Optional paper tray does not accept A6)
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PRINTER DRIVER FUNCTIONS**

Page Layout	N-up Printing Poster Printing Watermark Printing	Condense 2, 4, 9, 16 or 25 pages into 1 A4 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	Quick Print Setup Status Monitor Secure Printing Booklet Printing	A printer driver function that enables you to change the driver setting without opening Property dialog. A function to indicate the printer error on the PC, and also shows help movies A function that enables you to suspend private or confidential documents until the password is entered on the control panel or web browser 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	Up to 7,500 A4/LTR pages @5% coverage
Drum	DR-4000	Up to 30,000 A4/LTR pages

OPTIONS

Memory	Expandable up to 160MB using 100pin DIMM (Industry Standard)
Network Connectivity Interface	Optional 10/100BaseTX (NC-6100h) for HL-6050D
Storage	Optional Compact Flash Memory
Resident Barcode Fonts	Optional 10 Agfa Barcode Fonts (BT-1000)
Resident Fonts	Optional 136 Agfa PS3 fonts (BS-3000)
Lower Paper Tray 2	Optional Up to 500 sheets** can be stored in paper tray 2 (LT-6000)

DIMENSIONS/WEIGHTS

Dimensions (WxDxH)	400 x 425 x 310 mm
Weight	20.8 kg

OTHERS

Power Consumption	Printing	600 W or less
	Standby	110 W or less
	Sleep	8 W or less
Noise Level	Sound Pressure/Power(Printing)	52 dB(A) or less / 6.4 B(A) or less
	Sound Pressure/Power(Standby)	39 dB(A) or less / 4.9 B(A) or less
Ecology	Power Saving	Yes
	Toner Saving	Yes



Failure to use only genuine Brother® supplies may damage the machine and such damages will not be covered under warranty.

HL-6050D / HL6050DN 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
	2000 Professional	Pentium 133MHz	32MB	64MB	50MB
	Me XP	Pentium 150MHz Pentium 300MHz	32MB 128MB	64MB 128MB	50MB 50MB
MAC®	OS 8.6 - 9.2	All base models meet minimum requirements	32MB	64MB	50MB
	OSX 10.1 / 10.2.1		128MB	160MB	50MB

*Windows Only / **At 75gsm plain paper

Contact:

At your side.
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All specifications subject to change without notice