

HL-2250DN

TN2210/ TN2220/ DR2200



## High Speed Network Ready Mono Laser Printer with Automatic Double-sided Printing



In a small office or workgroup, it's important everyone has access to fast, high quality printing; which is just what you'll get with the HL-2250DN with up to 26 pages per minute print speed. Being network-ready makes it easy to share. And with double-sided printing as standard, separate drum and toner (so you only replace whichever's run out) and optional high-yield toners, it's easy to save money too.

- Compact footprint makes this ideal for a small office where space is at a premium
- Save time with fast 26ppm print speed
- Save paper with double-sided printing as standard
- Extra flexibility with network connectivity making sharing easy
- Separate drum and toner to help keep costs down – only replace the one that's run out
- Reduce cost with longer lasting high yield toners
- Less refilling with a 250 sheet paper capacity
- Added peace of mind with free 12-month warranty and lifetime technical support
- Green and clean technology that meets Energy Star and Blue Angel environmental standards

## Detailed Spec

### General

Technology	Electrophotographic monochrome laser printer
Processor	200MHz (ARM9)
Print speed (simplex)	26 pages per minute
Print speed (duplex)	5 sheets per minute
Resolution	HQ1200 (2,400 x 600dpi), 600dpi, 300dpi
Local Interface	Hi-Speed USB 2.0
Wired Network Interface	(10/100 Base-TX)
Memory	32MB
First print out time	Less than 8.5 seconds (from ready mode)
Warm up time	Less than 7 seconds (from sleep mode)
Print language	PCL6
Residential Fonts	66 scalable fonts, 12 bitmap fonts, 13 bar codes

### Control Panel

LED's	Toner LED (yellow), drum LED (yellow), error LED (orange) & ready LED (green)
Button	Go button

### Printer Driver

Windows	Windows 7 <sup>®</sup> (32 & 64 bit editions), Windows Vista <sup>®</sup> (32 & 64 bit editions), Windows XP Home Edition, Windows XP Professional (32 & 64 bit editions), Windows <sup>®</sup> 2000 Professional, Windows Server <sup>®</sup> 2003 (Network only / 32 bit & 64 bit editions), Windows Server <sup>®</sup> 2008 (Network only / 32 bit & 64 editions), Windows Server <sup>®</sup> 2008 R2 (Network only), Windows <sup>®</sup> Terminal Services 2003 & 2008, Citrix Presentation Server <sup>®</sup> , Citrix XenApp <sup>®</sup>
Apple Macintosh <sup>®</sup>	Mac OS X 10.4.11 or greater
Linux <sup>***</sup>	CUPS printing system(x86, x64 environment), Linux printer driver for LPD/LPRng printing system(x86, x64 environment)

### Printer Driver Features

N-up printing <sup>††</sup>	Save paper reducing 2, 4, 9, 16 or 25 A4 pages to 1 A4 page
Poster printing <sup>†</sup>	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages for a bigger impact
Header & footer print <sup>†</sup>	Print the time & date &/or the user ID on the documents
Watermark printing <sup>†</sup>	Add predefined text or user-defined messages to your documents as a watermark
Automatic duplex print	Automatically print to both sides of the paper
Automatic booklet printing	Print easy-to-read, professional documents in A5 booklet format using automatic duplex
Secure print <sup>††</sup>	Protect your print jobs with a PIN number

<sup>†</sup> Windows<sup>®</sup> only

<sup>††</sup> Windows<sup>®</sup> & Apple Macintosh only

### Network Management Utilities

Web based management	Web browser print server management
BRAdmin Light	For setup & small LAN management
BRAdmin Professional 3 <sup>***</sup>	For LAN / WAN management using a Windows <sup>®</sup> PC
Web BRAdmin <sup>***</sup>	Server based management utility for your printer fleet / Windows <sup>®</sup> IIS (4.0/5.0/5.1/6.0/7.0/7.5) modes only
E-mail reports	Reports containing basic usage data sent to a nominated e-mail address on a cyclical basis
E-mail notifications	Alerts sent to a nominated e-mail address when anything which can disrupt printing activity occurs
Driver Deployment Wizard	A quick & easy way to customise then deploy the HL-2250DN printer driver on a networked Windows <sup>®</sup> PC

<sup>\*\*\*</sup> Downloaded free of charge from Brother's Solutions Centre <http://solutions.brother.com>

### Network Protocols

Network protocols	TCP/IP (IPv4 & IPv6)
IPv4	ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), WINS / NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR / LPD, Custom Raw Port / Port 9100, IPP, FTP Server, SNMPv1 / v2c, HTTP Server, TFTP Client and Server, SMTP, ICMP, Web Services (Print), LLTD responder
IPv6 (off by default)	NDP, RA, DNS Resolver, mDNS, LLNMR responder, LPR / LPD, Custom Raw Port / Port 9100, IPP, FTP server, SNMPv1 / v2c, HTTP Server, TFTP Client and Server, SMTP Client, ICMPv6, LLTD responder, Web Services (Print)

### **Paper Handling**

#### **Paper Input\*\***

Standard tray	250 sheets
Manual paper feed slot	1 sheet

#### **Paper Output\*\***

Standard paper output	100 sheets (face down)
Rear exit straight paper path	1 sheet (face up)

\*\* Calculated with 80g/m<sup>2</sup> paper

### **Media Specifications**

#### **Media types**

Standard tray	Plain paper, thin paper, recycled paper
Manual paper feed slot	Plain paper, thin paper, thick paper, recycled paper, bond paper, labels and envelopes

#### **Media Weights**

Standard tray	60 to 105g/m <sup>2</sup> (16 to 28lb)
Manual paper feed slot	60 to 163g/m <sup>2</sup> (16 to 43lb)

#### **Media Sizes**

Standard tray	A4, Letter, B5(ISO/JIS), A5, A5(long edge), B6(ISO), A6, Executive
Manual paper feed slot	Width: 76.2 to 216mm, length: 116 to 406.4mm (width: 3.0" to 8.5", Length: 4.6" to 16")

#### **Supplies**

Toner (TN-2210)	1,200 pages*
Toner (TN-2220)	2,600 pages*
Drum (DR-2200)	12,000 A4 pages (one page per job)

The frequency of replacement of consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, & the type of media.

### **Dimensions & Weights (with consumables)**

#### **With Carton**

Dimensions	475mm x 454mm x 331mm (18.7" x 17.9" x 13.0")
Weight	8.3kg / 18.3lb

#### **Without Carton**

Dimensions	368mm x 360mm x 183mm (14.5" x 14.2" x 7.2")
Weight	7.0kg / 15.4lb

### **Power Consumption**

Printing	Average 495W at 25c
Ready	Average 65W at 25c
Deep sleep	Average 0.9w at 25c
TEC value	1.305 kWh / Week

### **Sound Pressure Level**

Printing	Less than 53 dB
Ready	Less than 31 dB

### **Sound Power Level**

Printing	Less than 6.81B
Ready	Less than 4.6B

### **Ecology**

Power Saving	This enables the printer to consume less energy when not in use.
Toner Saving	This reduces the toner usage & helps to reduce the total cost of printer ownership.

### **Environmental**

Environmental Accreditations	Energy Star & Blue Angel
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### **Duty Cycles**

Recommended	250 – 2,000 pages monthly print volume
Maximum	10,000 pages monthly print volume

**Contents**

Toner cartridge: up to 700 pages\*  
Drum unit: up to 12,000 pages  
Power supply cord  
Driver software for Windows® & Apple Macintosh  
User Guide (CD-ROM)  
Quick Set-up Guide  
PC interface cable **NOT** included

- \* Cartridge yield is declared in accordance with ISO/IEC19752.
- \*\* Calculated with 80g/m<sup>2</sup> paper
- \*\*\* Downloaded free of charge from Brother's Solutions Centre <http://solutions.brother.com>
- † Windows® only
- †† Windows® & Apple® Macintosh only