MFC-8510DN Environmentally Friendly Printing

Our commitment to the environment is brought to life with a range of eco friendly features and the attainment of a range of environmental labels and awards:

- **Separate Toner & Drum:** Less wastage and reduced print costs.
- **Toner Save:** Eco mode uses less toner, which can help you to reduce your print spend.
- **2-Sided, N-in1 & Booklet Print:** Reduce paper consumption by up to 75% by printing multiple pages onto a single sheet of paper.
- **Deep Sleep Mode:** Consumes on average 1.2 watts of power when not in use, which is over 6 times less energy compared to the ready sleep mode.
- **Quiet Mode:** Reduces the noise level so the device can be used in intellectual areas as recommended by Blue Angel.

GENERAL

Technology	Electrophotographic monochrome laser printer
Laser Notice	Class 1 Laser Product (IEC 60825-1:2007)
Processor	StarSapphire 400MHz
Memory	64MB (expandable up to 320MB using 1 x 144 pin, 16bit DDR2 DIMM)
Local Interface	Hi-Speed USB 2.0 & USB Host for direct print and scan from a USB Flash Drive
Wired Network Interface	Ethernet (10Base-T/100Base-TX)
Display	5 line white backlit LCD

AUTOMATIC 2-SIDED MONO PRINTER

Standard Print Speed (Simplex)	Up to 36ppm (pages per minute)
2-Sided Print Speed (Duplex)	Up to 18ipm (images per minute)
Resolution	1,200 x 1,200dpi, HQ1200 (2,400 x 600dpi), 600 x 600dpi
Warm Up Time	Less than 3 seconds (from sleep mode)
First Print Out Time	Less than 8.5 seconds (from ready mode)
Print Languages	PCL6, BR-Script3 (Postscript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts
Embedded Fonts (PS)	66 compatible fonts
Embedded Barcodes (PCL)	UPC-A, UPC-E, Codabar, ISBN(EAN), ISBN(UPC-E), Code128(set A, set B, set C), EAN128(set A, set B, set C)

MONO COPIER

Copy Speed	Up to 36cpm (copies per minute)
Resolution	1,200 x 600dpi
First Copy Out Time	Less than 10.5 seconds (from ready mode)
Multi-Copying / Stack / Sort	Makes up to 99 copies of each page (stacks or sorts)
Reduction / Enlargement Ratio	Reduce & enlarge documents from 25% to 400% using 1% increments
N in 1 Copying	Allows the user to compress 2 or 4 pages on to a single A4 sheet.

MONO FAX

Modem Speed	33,600bps (Super G3)
Internet Fax (iFax)	Fax documents anywhere in the world over the Internet[3]
PC-Fax	Send & receive faxes from your PC using a phone line (Receiving is for Windows® only)
Distinctive Ring Detection	Ability to detect different ring styles (UK & Denmark only)
Fax Forward & Retrieval	Forward or retrieve faxes to or from another location
Transmit / Receive Memory	Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Error Correction Mode (ECM)	Resending of failed documents where sending fax shares ECM

COLOUR SCANNER

Resolution	1,200 x 1,200dpi (from flatbed), 1,200 x 600dpi (from ADF), 19,200 x 19,200dpi (Enhanced)
Grey Scale	256 shades of grey
Colour Depth	48 bit internal, 24 bit external
Pull Scan Functions	Scan to E-mail, Image, OCR, File & Searchable PDF (all available with the supplied software)
Network Push Scan Functions	Scan to Network Folder (Windows® only), FTP & E-mail Server[3]
Drivers	TWAIN, WIA, ICA, SANE[3] & ISIS[3]

PAPER HANDLING

Paper Input	250 sheet standard paper tray 50 sheet multi-purpose tray 35 sheet Automatic Document Feeder (ADF) 500 sheet optional paper tray
Paper Output	150 sheets face down 1 sheet face up (straight paper path)

MEDIA SPECIFICATIONS

Media Types & Sizes	Standard / Optional Paper Tray - Plain & recycled paper (between 60 - 105 g/m² (16 - 28 lb)) Multi-Purpose Tray - Plain, recycled & bond paper (between 60 - 163g/m² (16 to 43lb)) ADF (Automatic Document Feeder) - 64 - 90 g/m2 (17 - 24 lb)
Media Weights	Standard / Optional Paper Tray - A4, Letter, B5(ISO/JIS), A5, A5(Long Edge), B6(ISO), A6, Executive, Legal, Folio (A4 only supported in automatic duplex print mode) Multi-Purpose Tray - Width: 76.2mm to 215.9mm (3″ to 8.5″) x Length: 127mm to 355.6mm (5″ to 14″) ADF (Automatic Document Feeder) - Plain Paper & Recycled Paper
Envelope & Label Printing	Yes, from Multi-Purpose (MP) Tray (accuracy & reliability will depend on the quality & type of media used)

WINDOWS PRINTER DRIVER FUNCTIONS

N-up Printing	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (supported by Mac as well)
Poster Printing	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing	Add predefined text to your documents as a watermark
Macro Printing	Create & embed custom templates to your print jobs
ID Printing	Add identification to your printed documents
Booklet Printing	Print documents in A5 booklet format
Quiet Mode	Reduces the noise of the machine whilst printing (a small reduction in print speed also occurs)
Skip Blank Page	Ignores any blank pages in your documents
Reprint	Print the last document that was sent to the machine

NETWORK / UTILITIES

Web Based Management	Web browser based management software
Driver Deployment Wizard	A quick & easy way to deploy Brother printer drivers on a networked Windows® PC
BRAdmin Professional	For LAN / WAN management[3]
Print Log to Network	Records printing activities from individual users
E-mail Notifications	Automatic alerts sent via e-mail when the device needs attention

SUPPORTED OPERATING SYSTEMS

Windows®	Windows 7® (32 & 64 bit editions), Windows Vista® (32 & 64 bit editions), Windows® XP Professional (32 & 64 bit editions), Windows® XP Home Edition, Windows® Server 2008R2, Windows® Server 2008 (32 & 64 bit editions), Windows® Server 2003 (32 & 64 bit editions). Note that Windows® Server 2003 & 2008 are for printing only.
Mac	Mac OS X 10.5.8, 10.6.x, 10.7.x or greater
Linux	CUPS, LPD/LPRng (x86/x64 environment)

SECURITY FEATURES

Setting Lock	Lock down the control panel to stop unwanted user access
Secure Function Lock v2	Restrict printing, faxing, copying and scanning activities and assign optional page limits
Secure Printing with SSL	IPP based encryption for printing
IP Filter	IP address based access restriction (IPv4 only)
802.1x (Wired Network Access Control)	Supported Protocols - EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS

SUPPLIES / ACCESSORIES

Inbox Toner	Approx. 2,000 pages[1]
Standard Toner	TN-3330 - Approx. 3,000 pages[1]
High Yield Toner	TN-3380 - Approx. 8,000 pages[1]
Drum	DR-3300 - Approx. 30,000 pages (one job per page)
Optional Lower Tray	LT-5400 - Up to 500 sheets

WEIGHTS & DIMENSIONS

With Carton	533(w) x 515 (d) x 601(h) mm / 19.9kg
Without Carton	405(w) x 415(d) x 423(h) mm / 15.8kg

ENVIRONMENT

Typical Electrical Consumption	2.28kWh / week
Power Consumption	615W active, 8.1W ready, 1.2W deep sleep
Sound Pressure	59dBA active, 54dBA quiet mode, 37dBA ready
Sound Power	6.64BA active, 6.4BA quiet mode, 4.62BA ready
Power Save	Consume less energy when not in use
Toner Save	Reduces toner usage

DUTY CYCLE

Recommended Monthly Print Volume	500 to 3,500 pages
Maximum Monthly Volume	Up to 50,000 pages[2]

[1]Declared yield value in accordance with ISO/IEC19752. [2]Maximum number of printed pages per month and can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements. [3]Downloadable from http://solutions.brother.com

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ENHANCE YOUR
WORKFLOW
WITH THE ALL-IN-ONE
PRODUCTIVITY PARTNER

THE MFC-8510DN IS THE ALL-IN-ONE THAT DELIVERS PRODUCTIVITY AND FLEXIBILITY FOR YOUR BUSY OFFICE.

PRINT   FAX   COPY   SCAN

Features to optimise your workflow

- High speed output at up to 36ppm
- First page out in less than 8.5 seconds
- Up to 8,000[1] page high yield toner cartridges
- Intuitive control panel with 5 Line LCD
- Standard paper capacity of 300 sheets
- 1,200 x 1,200dpi resolution
- Automatic 2-sided print

THE FLEXIBLE ALL-IN-ONE WORKGROUP PERFORMER

Regardless of your business size Brother understands that your business runs on information. Delivering a range of enhanced workflow solutions the MFC-8510DN is a high speed All-In-One combining print, scan, copy and fax in one versatile device.

"Intuitive and flexible the **MFC-8510DN** is your perfect workgroup performer."

PRODUCTIVE

A first page out time of less than 8.5 seconds and a maximum print speed of up to 36ppm ensures large volume print jobs are handled with ease and deadlines are met. An intuitive control panel with dedicated function keys enables users to get the results they need quickly and easily.

PROFESSIONAL

Thanks to the 1,200 x 1,200dpi print resolution you'll get consistent, high quality output and crisp, sharp detail. With automatic 2-sided and booklet printing as standard you can produce essential business documents in A5 booklet format reducing paper consumption by up to 75%.

INTEGRATED

A range of powerful scanning features including scan to network (Windows® only) and scan to FTP allows information to be shared both locally and remotely in an instant. Ethernet network connectivity and compatibility with print controls such as PCL6 and BR-Script3 (Postscript®3™ Language Emulation) allow for complete integration into your business systems and document processes.

FLEXIBLE

High volume printing requires professional paper handling. The standard 250 sheet tray and 50 sheet multi-purpose tray can be further enhanced by an optional 500 sheet tray for a maximum capacity of 800 sheets. High speed faxing, scanning and copying are possible with the 35 sheet Automatic Document Feeder.

COST EFFECTIVE

A range of cost saving features including Toner Save Mode and Deep Sleep Mode deliver significant cost reductions. The optional 8,000[1] page high yield toner cartridge together with the separate drum unit means you can be sure of exceedingly low running costs.

RELIABLE

Capable of handling up to 3,500 pages every month with ease, the MFC-8510DN delivers exceptional quality and performance, consistently meeting the needs of the most demanding business environments.

BROTHER'S DEVICE MANAGEMENT SOLUTIONS

The MFC-8510DN is compatible with a range of utilities for device administration and management:

- **BRAdmin Professional** – A device management utility for remotely monitoring and configuring your printer fleet across multiple locations. Remotely diagnose user issues and setup automatic email alerts for instant notification of printer downtime enabling you to solve potential problems before they impact on productivity.

- **Web Based Management** – Manage and configure a single device by creating a direct connection through a standard web browser.
- **Universal Printer Driver** – A single, easy to use printer driver that can be used across a number of Brother devices and rolled out across multiple sites from one central point.

ENTERPRISE SECURITY

- **Stay connected** – With 802.1x and the latest Enterprise Network Security Protocols, including Microsoft® PEAP, the MFC-8510DN will reliably connect to your secure network.

- **Control Costs** – By restricting access to the print, fax, copy and scan functions to selected users through either a complete block or by providing them with a limited number of pages they can print during a variable period of time.