

DCP-L8400CDN

High Speed Colour All-In-One Printer



Top Features:

Fast Colour Printing

- Help increase office productivity with colour and mono print speeds up to 28ppm

Colour Touch Screen Display

- Easy navigation and menu selection via the 9.3cm colour LCD touch screen

Money & Paper Saving Features

- Print to both sides of a piece of paper, create professional looking booklets or merge multiple pages into one sheet

Built-in Networking

- Share with your workgroup via its built-in Ethernet network interface

Brother Solutions & Apps

- Increase productivity with a range of cloud based printing & scanning solutions

High-Quality Output

- Print professional colour documents with output up to 2,400 x 600dpi resolution

Mobile Printing & Scanning

- Support for Brother iPrint&Scan, Google Cloud Print^{®6}, and Apple AirPrint

Cloud Services

- Print from and scan to Box, DropBox, Evernote[®], Facebook, Flickr[®], Google Drive[™], Picasa[™] & OneDrive[®]



Colour Laser Multifunction Range Datasheet

DCP-L8400CDN, MFC-L8650CDW, DCP-L8450CDW, MFC-L8850CDW & MFC-L9550CDWT

brother
at your side

General

Technology	Electrophotographic Laser Printer
Laser Classification	Class 1 laser product (IEC 60825-1:2007)
Processor	StarSaphire (SS1000) 400MHz
Local Interface	Hi-Speed USB 2.0 & USB Host
Wired Network Interface	Ethernet 10Base-T/100Base-TX
Standard Memory	256MB
Optional Memory	Expandable up to 512MB by adding 1 x 256MB DDR2 - 144pin
Colour Touch Screen	9.3cm LCD

Colour Printer

Automatic 2-Sided Printing	Print on to both sides of the paper automatically
Print Speed Standard (A4)	Up to 28ppm (pages per minute) colour & mono
Print Speed 2-Sided (A4)	Up to 14 sides per minute (7 sheets per minute) colour & mono
Resolution	2,400dpi (2,400 x 600dpi), 600 x 600dpi
Quiet Mode	A mode to reduce the printing noise by reducing the print speed
FPOT (First Print Out Time)	Less than 1 seconds colour & mono from ready mode
Warm-Up Time	Less than 31 seconds from sleep mode
Print Languages	PCL6, BR-Script3 (PostScript®3™ Language Emulation), Direct Print: PDF 1.7, XPS
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts, 13 barcodes
Embedded Fonts (Postscript)	66 scalable fonts
Embedded Barcodes (PCL)	Code39, Interleaved 2 of 5, FIM(US-PostNet), Post Net(US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN(EAN), ISBN(UPC-E), Code128(set A, set B, set C), EAN128(set A, set B, set C)

Driver Compatibility

Windows®	Windows 8® (32 & 64 bit editions) 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 2012 & 2008R2* Windows® Server 2008 (32 & 64 bit editions)* Windows® Server 2003 (32 & 64 bit editions)* <small>*Windows® Server supports network printing only</small>
Macintosh⁵	Mac OS X 10.7.5, 10.8.x, 10.9.x
Linux⁵	CUPS, LPD/LPRng (x86/x64 environment)
PostScript Universal Printer Driver	Driver for Windows® that enables you to print to any network or locally connected Brother laser printer that supports PostScript
Mac Universal Driver	Driver for Mac that enables you to print to any network-connected Brother laser printer that supports PostScript

Printer Functions

N-up Printing³	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)
Poster Printing⁴	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing⁴	Watermark your documents with predefined text or with your own user-defined messages
ID Printing⁴	Add identification to your printed documents (date & time, short custom message or PC username)
Automatic 2-Sided Print	Print on both sides of the paper automatically
Manual 2-Sided Print⁴	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)
Booklet Printing⁴	Print documents in A5 booklet format using automatic or manual 2-sided print
Skip Blank Page⁴	Ignores any blank pages in your documents
Print Profiles³	Store your favourite driver settings as profiles to easily recall them
Print Text In Black⁴	Converts all text in your documents to black when printed
Print Archive⁴	Save a PDF copy of every file printed for archiving purposes

Mobile / Web Based Printing & Scanning

iPrint&Scan (Android)	Print directly from or scan directly to a smart phone or tablet running the Android Operating System
iPrint&Scan (iPad / iPhone / iPod)	Print directly from or scan directly to an iPad / iPhone / iPod Touch
iPrint&Scan (Windows® Phone)	Print directly from or scan directly to a smart phone running the Windows® Phone Operating System
Print&Scan (Windows® 8 & RT)	Print directly from or scan directly to a Windows® 8 or Windows RT Tablet
Google Cloud Print⁶	Print most common file types from any Google Cloud Print enabled application
Apple AirPrint	Print most common file types from any Apple AirPrint enabled application
Cloud Support⁶	Scan and upload files directly to and print directly from Box, DropBox, Evernote®, Facebook, Flickr®, Google Drive™, Picasa™ & OneDrive®

Brother Solutions & Apps

Office Doc Creator	Converts your scanned documents into an editable Microsoft® Office Word®, Excel® or PowerPoint® file
Outline and Copy	Copies or deletes areas outlined by a red pen
Outline and Scan	Only scans areas outlined by a red pen
Folding Notes	Create handy folding note papers
Note Scan	Scan and organise notes taken on the folding note papers
Creative Center	Download and print Brother Creative Center content

¹Approx declared yield value in accordance with ISO/IEC 19798

²Calculated with 80g/m² paper

³Windows® & Mac® only

⁴Windows® only

⁵Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

⁶Must be web connected

⁷Requires Brother software

⁸Maximum number of printed pages per month 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

Colour Laser Multifunction Range Datasheet

DCP-L8400CDN, MFC-L8650CDW, DCP-L8450CDW, MFC-L8850CDW & MFC-L9550CDWT

brother
at your side

Colour Scanner

Colour & Mono Scanning	Yes
Scan Resolution from ADF	Up to 1,200 x 600dpi
Scan Resolution from Scanner Glass	Up to 1,200 x 2,400dpi
Interpolated Scan Resolution⁷	Up to 19,200 x 19,200dpi
Colour Depth	48bit internal / 24bit external colour scanner
Grey Scale	256 shades of grey
Scan Functions⁷	Scan to USB, E-mail, OCR, Image, File, Cloud, Searchable PDF, SharePoint & Evernote®
Network Scanning	Scan to network folder (Windows® only), FTP, Secure FTP, email server ⁵
Scan Features⁷	Remove Background, Skip Blank Page, ID Scan, 1 to 2 Scan

Scanner Driver

Windows®	TWAIN, ISIS ⁵ & WIA (Windows® 8, Windows® 7, Windows Vista® & Windows® XP)
Macintosh⁵	TWAIN & ICA
Linux⁵	SANE

Colour Copier

Speed – (A4)	Up to 28cpm (copies per minute) colour & mono
FCOT (First Copy Out Time)	Less than 20 seconds colour & less than 18 seconds mono from ready mode
Resolution	Up to 1,200 x 600dpi
Multi-Copying / Stack / Sort	Makes up to 99 copies of each page / Stacks or Sorts
Enlargement / Reduction Ratio	Reduce or Increase document sizes from 25% to 400% in 1% increments
N in 1 Copying	Allows the user to compress 2 or 4 pages on to a single A4 sheet
2in1 ID Copying	Allows the user to copy both sides of an ID card to a single A4 sheet
Grey Scale	256 shades of grey are available for copying
Receipt Copying	Produces clearer copies of receipts

USB Host

Direct Print	Print directly from a USB flash memory drive. The supported file formats include: PDF version 1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0
Direct Scan	Scan directly to a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF
Optional NFC Port	Connect supported USB NFC card readers for use with b-guard

Paper Handling

Paper Input²	Standard Tray – 250 sheets Optional Tray – 500 sheets Multi Purpose Tray – 50 sheets ADF (Automatic Document Feeder) – 35 sheets
Paper Output²	Face Down - 150 sheets Face Up (Straight Paper Path) - 1 sheet

Media Specification

Media Types & Weights	Standard Tray – plain & recycled paper (between 60 - 105g/m ²) Multi Purpose Tray - plain, recycled, bond & glossy paper (between 60 - 163g/m ²) ADF - Plain & recycled paper (between 64 - 90g/m ²)
Envelope & Label Printing	Yes, from the Multi Purpose Tray: Accuracy & reliability will depend on the quality & type of envelopes or labels used
Media Sizes	Standard Tray - A4, Letter, B5(JIS), A5, A5(Long Edge), A6, Executive, Legal, Folio (A4 only supported in automatic 2-sided print mode) Manual Feed Slot - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm ADF - Width: 147.3mm to 215.9mm x Length: 147.3mm to 355.6mm

Environment

Power Consumption	Printing - 565W, ready - 65W, sleep – 9.5W, deep sleep – 1.7W, power down - 0.04W
TEC Value	2kWh / Week
Sound Pressure Level	Printing - 55dbA, quiet mode printing – 52dbA, ready - 28dbA,
Sound Power Level	Printing – 6.73BA, quiet mode printing – 6.4BA, ready – 4.05BA
Power Saving	This enables the printer to consume less energy when not in use
Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership
Energy Star	Yes
Blue Angel	Yes
Nordic Swan	Yes



Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth. www.brotherearth.com

Colour Laser Multifunction Range Datasheet

DCP-L8400CDN, MFC-L8650CDW, DCP-L8450CDW, MFC-L8850CDW & MFC-L9550CDWT



Network & Security

Wired Network	Built in Ethernet 10Base-T/100Base-TX
Network Protocols	TCP/IP (IPv4 and IPv6)
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNMP Client, LDAP
IPv6 (off by default)	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNMP Client, LDAP, Web Services (Print/Scan)
Wired Network Security	SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos (for network printing), IPSec
Enterprise Wired Network Security	802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
Print Log To Network	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network
E-mail Notifications	Automatically have the device send an E-mail to a nominated E-mail address when it requires attention
E-mail Reports	Receive usage reports on a regular basis via E-mail
IPv4 Restrict	Restrict which network users either can or cannot access the device over the network
Secure Function Lock 3.0	Restrict access to individual or groups of users over a network. Can be used with PC User Login Names for up to 100 users
Secure Print³	Protect print jobs with a 4 digit PIN that has to be entered at the control panel of the printer before printing
Active Directory	Restrict access using Active Directory Authentication

Network Management Utilities

Embedded Web Server	Web based print management software embedded onto the device
Driver Deployment Wizard⁴	Easily create print drivers for hassle free deployment over your network
BRAdmin Professional 3^{4&5}	LAN/WAN management software

Address Book

Speed Dials	300 locations for E-mail addresses
Group Dial	A combination of up to 20 groups can be stored for broadcasting
LDAP	The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange
The address book is only accessible as part of the scan to email server function, available as an optional free download from the Brother Solutions Centre http://solutions.brother.com	

Supplies

Inbox Toners	Black Toner – 2,500 pages ¹ Cyan, Magenta & Yellow Toners - 1,500 pages ¹
Standard Yield Toners	Black Toner (TN-321BK) 2,500 pages ¹ Cyan Toner (TN-321C) 1,500 pages ¹ Magenta Toner (TN-321M) 1,500 pages ¹ Yellow Toner (TN-321Y) 1,500 pages ¹
High Yield Toners	Black Toner (TN-326BK) 4,000 pages ¹ Cyan Toner (TN-326C) 3,500 pages ¹ Magenta Toner (TN-326M) 3,500 pages ¹ Yellow Toner (TN-326Y) 3,500 pages ¹
Other Supplies	Drum (DR-321CL) 25,000 A4 pages Belt (BU-320CL) Up to 50,000 pages Waste Toner Box (WT-320CL) Up to 50,000 pages Optional 500 sheet Lower Paper Tray (LT-320CL)
Carton Contents	Toner Cartridges, Drum, Belt, Waste Toner Box, Power Supply Cord, Driver Software For Windows®, Quick Set-Up Guide, PC Interface Cable NOT Included, Telephone line cord (MFC models only)

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

Solutions

BSI (Brother Solutions Interface)	Allows the use of 3 rd party solutions & apps, such as b-guard, to increase security & productivity
b-guard (optional purchase)	Increase security, efficiency & control costs using the pull printing & enhanced management capabilities of this BSI solution

Dimensions & Weight

With Carton (WxDxH)	637 x 545 x 649mm 33.8Kg
Without Carton (WxDxH)	410 x 503 x 492mm 29Kg

Duty Cycles

Recommended Monthly	500 – 3,000 pages monthly print volume
Maximum Monthly⁸	Up to 40,000 pages monthly print volume

¹Approx declared yield value in accordance with ISO/IEC 19798

²Calculated with 80g/m² paper

³Windows® & Mac® only

⁴Windows® only

⁵Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

⁶Must be web connected

⁷Requires Brother software

⁸Maximum number of printed pages per month 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

This model is based on the DCP-L8400CDN plus the additional specification below

MFC-L8650CDW

High Speed Colour All-In-One Printer



2-Sided Automatic Document Feeder

- Dual CIS scanner provides automatic 2-sided copying, scanning and faxing

Advanced Fax Capabilities

- 33.6Kbps modem, PC-Fax Send^{7&3}, PC-Fax Receive^{7&4} and Internet Fax⁵(Ifax)

Built-in Networking

- Share with your workgroup via its built-in Ethernet or wireless 802.11b/g/n network interfaces

Mobile Printing & Scanning

- Support for Brother iPrint&Scan, Google Cloud Print^{®6}, Apple AirPrint & Wi-Fi Direct[™]

General

Wireless Network Interface	IEEE 802.11b/g/n
----------------------------	------------------

Colour Copier

Automatic 2-Sided Copying	Yes
---------------------------	-----

Colour Scanner

Automatic 2-Sided Scanning	Yes
----------------------------	-----

Colour Laser Multifunction Range Datasheet

DCP-L8400CDN, MFC-L8650CDW, DCP-L8450CDW, MFC-L8850CDW & MFC-L9550CDWT



Network & Security

Wireless Network	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
Wi-Fi Direct™	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)
Wireless Setup Support	Wi-Fi Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)
Wireless Applications	Intel® My Wi-Fi Technology & Vertical Pairing
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SMTP Client, LDAP, IMAP4
IPv6 (off by default)	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SMTP Client, LDAP, Web Services (Print/Scan), IMAP4
Wired Network Security	APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPSec
Standard Wireless Network Security	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos (for network printing), IPSec
Enterprise Wireless Network Security	802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
Setting Lock	Restrict access to the control panel by securing it with a 4 digit PIN

Address Book

Speed Dials	300 locations for fax numbers and E-mail addresses
Group Dial	A combination of up to 20 groups can be stored for broadcasting
LDAP	The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange

Dimensions & Weight

With Carton (WxDxH)	637 x 545 x 649mm 35.2Kg
Without Carton (WxDxH)	410 x 503 x 492mm 30.4Kg

Fax

Fax Modem	33,600bps (Super G3)
Automatic 2-Sided Faxing	Yes
Internet Fax (iFax)⁵	Fax documents anywhere in the world over the Internet without the use of a telephone line
PC Fax Send^{7&3}	Send faxes directly from your PC
PC Fax Receive^{7&4}	Receive faxes directly to your PC
Automatic Redial	Automatic redialling if the recipient fax is busy
Telephone Index	An electronic, alphabetical listing of stored speed dials and group numbers
Chain Dialling	Allows the user to store parts for long dialling sequences in different speed dial locations
Distinctive Ring Detection	A service purchased from a telephone company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring style for each number (UK and Denmark only)
Speaker / Ring volume	3 levels and off
Fax / Tel Switch	Automatic recognition of fax and telephone reception
Super Fine	Enables quality transmission of very small print and line drawings
Contrast	Auto / light / dark
Enhanced Remote Activate	Transfer a fax call, answered on an extension phone, to the fax machine
Delayed Timer	Up to 50
Quick-Scan	Reduce scanning times by scanning a fax into memory before sending. Approximately 2.5 seconds per page A4 standard resolution
Memory Transmission	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Out of Paper Reception	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Dual Access	Allows the operator to perform 2 different tasks on the machine at the same time
Broadcasting	Send the same fax message to up to 350 separate locations (manual 50 locations)
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call
Auto Reduction	When receiving a single page document more than 297mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet
ECM (Error Correction Mode)	The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number
Remote Access	Allows the user to remotely access their machine by using another touch tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch tone machine
Remote Maintenance	Allows the user to maintain their MFC from a remote location
Remote Set-up³	Allows the user to set-up the MFC from their PC
Grey Scale	256 shades of grey are available for faxing
Fax Preview	Preview received faxes on the screen
Fax stamp	Add the date and time to all received faxes
Coverpages	Create custom coverpages for outgoing faxes

This model is based on the DCP-L8400CDN plus the additional specification below

DCP-L8450CDW

Professional Colour All-In-One Printer



Built-in Networking

- Share with your workgroup via its built-in Ethernet or wireless 802.11b/g/n network interfaces

2-Sided Automatic Document Feeder

- Dual CIS scanner provides automatic 2-sided copying, scanning and faxing

General

Wireless Network Interface	IEEE 802.11b/g/n
Colour Touch Screen	12.3cm LCD

Colour Printer

Print Speed Standard (A4)	Up to 30ppm (pages per minute) colour & mono
---------------------------	--

Colour Scanner

Automatic 2-Sided Scanning	Yes
Network Scanning	Scan to network folder (Windows® only), FTP, Secure FTP, email server & SharePoint ⁷

Paper Handling

Paper Input ²	ADF (Automatic Document Feeder) - 50 sheets
--------------------------	---

Colour Copier

Automatic 2-Sided Copying	Yes
---------------------------	-----

Colour Laser Multifunction Range Datasheet

DCP-L8400CDN, MFC-L8650CDW, DCP-L8450CDW, MFC-L8850CDW & MFC-L9550CDWT



Network & Security

Wireless Network	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
Wi-Fi Direct™	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)
Wireless Setup Support	Wi-Fi Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)
Wireless Applications	Intel® My Wi-Fi Technology & Vertical Pairing
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SMTP Client, LDAP, IMAP4
IPv6 (off by default)	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SMTP Client, LDAP, Web Services (Print/Scan)
Standard Wireless Network Security	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos (for network printing), IPsec
Enterprise Wireless Network Security	802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
Setting Lock	Restrict access to the control panel by securing it with a 4 digit PIN

Address Book

Speed Dials	300 locations for E-mail addresses
Group Dial	A combination of up to 20 groups can be stored for broadcasting
LDAP	The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange

The address book is only accessible as part of the scan to email server function

Dimensions & Weight

With Carton (WxDxH)	660 x 625 x 698mm 35.2Kg
Without Carton (WxDxH)	490 x 526 x 530mm 30.2Kg

Environment

TEC Value	2.2kWh / Week
Sound Pressure Level	Printing - 56dba, quiet mode printing - 53dba, ready - 28dba,
Sound Power Level	Printing - 6.71BA, quiet mode printing - 53dba, ready - 4.05BA

Duty Cycles

Recommended Monthly	750 - 4,000 pages monthly print volume
Maximum Monthly⁸	Up to 60,000 pages monthly print volume

Supplies

Inbox Toners	Black Toner - 2,500 pages ¹ Cyan, Magenta & Yellow Toners - 1,500 pages ¹
Standard Yield Toners	Black Toner (TN-321BK) 2,500 pages ¹ Cyan Toner (TN-321C) 1,500 pages ¹ Magenta Toner (TN-321M) 1,500 pages ¹ Yellow Toner (TN-321Y) 1,500 pages ¹
High Yield Toners	Black Toner (TN-326BK) 4,000 pages ¹ Cyan Toner (TN-326C) 3,500 pages ¹ Magenta Toner (TN-326M) 3,500 pages ¹ Yellow Toner (TN-326Y) 3,500 pages ¹
Super High Yield Toners	Black Toner (TN-329BK) 6,000 pages ¹ Cyan Toner (TN-329C) 6,000 pages ¹ Magenta Toner (TN-329M) 6,000 pages ¹ Yellow Toner (TN-329Y) 6,000 pages ¹

This model is based on the DCP-L8450CDW plus the additional specification below

MFC-L8850CDW

Professional Colour All-In-One Printer



Advanced Fax Capabilities

- 33.6Kbps modem, PC-Fax Send^{7&3}, PC-Fax Receive^{7&4} and Internet Fax⁵(Ifax)

Environment

Power Consumption

Printing - 565W, ready - 65W, sleep – 10.5W,
deep sleep – 1.9W, power down - 0.04W

Dimensions & Weight

With Carton (WxDxH) 660 x 625 x 698mm 36.8Kg

Without Carton (WxDxH) 490 x 526 x 530mm 31Kg

Colour Laser Multifunction Range Datasheet

DCP-L8400CDN, MFC-L8650CDW, DCP-L8450CDW, MFC-L8850CDW & MFC-L9550CDWT

brother
at your side

Fax

Fax Modem	33,600bps (Super G3)
Automatic 2-Sided Faxing	Yes
Internet Fax (iFax)⁵	Fax documents anywhere in the world over the Internet without the use of a telephone line
PC Fax Send^{7&3}	Send faxes directly from your PC
PC Fax Receive^{7&4}	Receive faxes directly to your PC
Automatic Redial	Automatic redialling if the recipient fax is busy
Telephone Index	An electronic, alphabetical listing of stored speed dials and group numbers
Chain Dialling	Allows the user to store parts for long dialling sequences in different speed dial locations
Distinctive Ring Detection	A service purchased from a telephone company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring style for each number (UK and Denmark only)
Speaker / Ring volume	3 levels and off
Fax / Tel Switch	Automatic recognition of fax and telephone reception
Super Fine	Enables quality transmission of very small print and line drawings
Contrast	Auto / light / dark
Enhanced Remote Activate	Transfer a fax call, answered on an extension phone, to the fax machine
Delayed Timer	Up to 50
Quick-Scan	Reduce scanning times by scanning a fax into memory before sending. Approximately 2.5 seconds per page A4 standard resolution
Memory Transmission	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Out of Paper Reception	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)
Dual Access	Allows the operator to perform 2 different tasks on the machine at the same time
Broadcasting	Send the same fax message to up to 350 separate locations (manual 50 locations)
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call
Auto Reduction	When receiving a single page document more than 297mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet
ECM (Error Correction Mode)	The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number
Remote Access	Allows the user to remotely access their machine by using another touch tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch tone machine
Remote Maintenance	Allows the user to maintain their MFC from a remote location
Remote Set-up³	Allows the user to set-up the MFC from their PC
Grey Scale	256 shades of grey are available for faxing
Fax Preview	Preview received faxes on the screen
Fax stamp	Add the date and time to all received faxes
Coverpages	Create custom coverpages for outgoing faxes

Network & Security

IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTTP Client, LDAP, IMAP4
IPv6 (off by default)	NDP, RA, DNS resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTTP Client, LDAP, Web Services (Print/Scan), IMAP4
Wired Network Security	APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPSec
Standard Wireless Network Security	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos (for network printing), IPSec

This model is based on the MFC-L8850CDW plus the additional specification below

MFC-L9550CDWT

Professional Colour High Volume Workgroup All-In-One Printer



Compared to DCP-L8850CDW:

Super High Yield Toners

- Low cost exclusive super high yield toner cartridges included inbox and available as a replacement

NFC

- Built in card reader for secure authentication

Additional Lower Tray

- Additional 500 sheet paper capacity for high volume printing

Network & Security

NFC	Built in card reader for use with Secure Function Lock 3.0 as an authentication method.
Secure Function Lock 3.0	Restrict printing activity to individual or groups of users over a network. Can be used with PC User Login Names or supported NFC cards for up to 100 users

Paper Handling

Paper Input ²	Standard Tray – 250 sheets Lower Tray – 500 sheets
--------------------------	---

Dimensions & Weight

Combined Cartons (WxDxH)	660 x 625 x 992mm 45.6Kg
Without Carton (WxDxH)	490 x 535 x 662mm 37.4Kg

Supplies

Inbox Toners	Black Toner – 6,000 pages ¹ Cyan, Magenta & Yellow Toners – 6,000 pages ¹
Super High Yield Toners	Black Toner (TN-900BK) 6,000 pages ¹ Cyan Toner (TN-900C) 6,000 pages ¹ Magenta Toner (TN-900M) 6,000 pages ¹ Yellow Toner (TN-900Y) 6,000 pages ¹

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

Duty Cycles

Recommended Monthly	1,000 – 5,000 pages monthly print volume
Maximum Monthly ⁸	Up to 75,000 pages monthly print volume

brother
at your side