



3-in-1 Wireless colour LED laser printer with touchscreen display

DCP-L3550CDW



PRINT



COPY



SCAN



WIRELESS

brother.co.uk/dcp-l3550cdw

3-in-1 Wireless colour LED laser printer

The DCP-L3550CDW comes complete with time saving features including automatic 2-sided print, a large 250 sheet paper tray, and in-box toners printing up to 1,000 pages*. With wired and wireless connectivity for easy connectivity and the ability to print and scan from your mobile device, this machine is ready to use straight from the box.

DCP-L3550CDW



Key features:

- Fast print speeds of 18 pages per minute (ppm)
- Large paper capacity of 250 sheets
- Automatic 2-sided printing
- 50 sheet automatic document feeder (ADF)
- Easy to use 9.3cm colour touchscreen display
- Wired and wireless connectivity
- Up to 1,000 pages* in-box toners.

Designed with efficiency in mind

This robust desktop device is easy to use and simple to set up. The 50 sheet ADF allows you to scan multiple sheets at once and store to a location of your choice. Combine this with automatic 2-sided print and quick print options from both phone and tablet devices, this machine gives you the peace of mind required when running a business.

Add some colour to your business

Make an impact with colourful business documents. The DCP-L3550CDW offers up to 2,400dpi print quality, and uses LED laser technology to produce high quality professional prints. Not only does this machine print colour, but it also features a full colour touchscreen to access your favourite features quickly and easily.

Save time and money

These desktop devices are fast, reliable and great value. The built-in 250 sheet paper capacity allows you to keep working longer without having to replenish the paper tray. By using the high yield supplies, you won't have to spend time changing your toners as often, as well as achieving a competitive cost per page for both colour and mono printing. By boosting productivity, and reducing any down time, your office can run more smoothly.

Don't add to the office noise

You don't need any additional noise to distract you in the office. The DCP-L3550CDW has been engineered to print up to 18ppm at under 45dB - quieter than your daily office conversation.

General

Technology

Electrophotographic
LED

Processor

Cortex-A9 800MHz
Sub: ARM946 133MHz

Wired network

10Base-T/100Base-TX

Wireless network

IEEE 802.11b/g/n

Control panel

9.3cm colour touchscreen

Memory

512MB

Local interface

Hi-Speed USB 2.0

Mobile print

Print from your mobile devices
to your Brother printer

Print

Print speed (A4)

18ppm colour and mono

Print speed 2-sided (A4)

6 sides per minute
colour and mono.
Print on to both sides of the
paper automatically

Resolution

2,400dpi (600 x 2,400)

Quiet mode

A mode to reduce the printing
noise by reducing the print
speed to 12ppm

First print out time

Less than 15.5 seconds from
ready mode

Warm up time

Less than 28 seconds from
sleep mode

Print languages

PCL6, BR-Script3
PDF Version 1.7, XPS
Version 1.0

Embedded fonts (PCL)

73 scalable fonts,
12 bitmap fonts

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),
Code93, GS1Databar, MSI

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 and
time, short custom message or
PC username)

Manual 2-sided print⁴

Manual 2-sided printing
(recommended for media not
supported by automatic 2-sided
print)

Configurable shortcuts

Create up to 18 personalised
shortcuts for a quick and easy
access to your regularly print,
copy, scan and fax functions

Booklet printing⁴

Print documents in A5
booklet format using automatic
or manual 2-sided print

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

Printer drivers

Windows[®]

Windows[®] 10
(32 and 64 bit editions)
Windows[®] 8
(32 and 64 bit editions)
Windows[®] 7
(32 and 64 bit editions)
Windows[®] Server 2016
(32 and 64 bit editions)*
Windows[®] Server 2012,
2012R2 and 2008R2*
Windows[®] Server 2008
(32 and 64 bit editions)*

Macintosh⁵

macOS v10.11.6, 10.12.x,
10.13.x

Linux⁵

CUPS, LPD/LPRng
(32 and 64 bit editions)

PostScript universal printer driver⁵

Driver for Windows[®] that
enables you to print to any
network or locally-connected
Brother laser printer that
supports PostScript

PCL driver⁵

Generic PCL XL driver

* Windows[®] Server supports network printing only

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

2 Calculated with 80g/m² paper.

3 Windows[®] & Mac[®] only.

4 Windows[®] only.

5 Optional download.

6 Maximum 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.

7 Requires Brother Software.

8 Must be web connected.

All specifications correct at the time of printing (August 2018) and are subject to change. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.

Paper handling

Paper input

Standard tray - 250 sheets
Manual feed slot - 1 sheet

ADF

50 sheets

Paper output

150 sheets face down
(80g/m²)
1 sheet face-up
(straight paper path)

Media type and weights standard tray

Plain and recycled paper
(between 60 - 163g/m²)

Media sizes standard tray

A4, letter, A5, A5 (long edge),
A6, executive

Media type and weights ADF

Plain and recycled paper
(between 60 - 105g/m²)

Media sizes ADF

Width: 105 to 218 mm,
Length: 148 to 357.6 mm

Media type and weights 2-sided print

Plain and recycled paper
(between 60 - 163g/m²)

Media sizes 2-sided print

A4

Envelope and label printing

Manual feed slot: support for 1
envelope / sheet

Media type and weights manual feed slot

Plain, recycled, bond, label,
envelope paper
(between 60 - 163g/m²)

Media sizes manual feed slot

Width: 76.2 to 216 mm,
Length: 116 to 355.6 mm
Envelope: COM -10, DL, C5,
Monarch

Mobile and web connectivity

Brother iPrint&Scan (Android)

Print from, scan to, send faxes,
preview received faxes, preview
copies and check the machine
status from an Android device

Brother iPrint&Scan (iPad / iPhone / iPod)

Print from, scan to, send faxes,
preview received faxes, preview
copies and check the machine
status from an iPad / iPhone /
iPod Touch

Brother iPrint&Scan (Windows® Phone)

Print from and scan to a smart
phone running the Windows®
Phone operating system

Brother iPrint&Scan (Windows® 8,10 & RT)

Print from and scan to a
Windows® 8,10 or Windows
RT tablet

Google Cloud Print 2.0

Print most common file types
from any Google Cloud Print
enabled application

Apple AirPrint

Print from and scan to most
common file types from any
AirPrint enabled application

Brother print service plugin

Print from Android devices
without a dedicated app

Mopria

Print most common file types
from Mopria supported Android
devices

Brother apps⁸

Print creative center, scan to
mobile, scan to searchable
PDF, enlarge text copy, fax
forward to cloud/e-mail, scan to
PowerPoint, scan to Excel, scan
to Word, easy scan to e-mail

Web connect⁸

Print from and scan to without
using a PC on Box, Dropbox,
Evernote, OneDrive, Google
Drive™ OneNote

Copy

Copy speed (A4)

18 copies per minute
colour and mono

First copy out time

Less than 17.5 seconds from
ready mode colour and mono

Resolution

600 x 600dpi

Multi-copying/stack/sort

Makes up to 99 copies of each
page / stacks and 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

2 in 1 ID copying

Allows the user to copy both
sides of an ID card to a single
A4 sheet

Grey scale

256 shades of grey (8 bit)

Receipt copying

Produces clearer copies of
receipts

Enlarge text copy⁸

Makes reading copied
documents easier if the size of
the text on the original
document is small

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Scan	Scanner type Contact image sensor	Scan resolution from scanner glass 1,200 x 2,400dpi	Colour depth 48 bit colour processing (input) 24 bit colour processing (output)
	Colour and mono scanning Yes	Interpolated scan resolution 19,200 x 19,200dpi	Grey Scale 16 bit colour processing (input) 8 bit colour processing (output)
	Scan speed mono 27 images per minute	Scan resolution from ADF 600 x 600dpi	
	Scan speed colour 21 images per minute		

Scanner functions

Scan to e-mail Scan and share documents via e-mail server	Scan to network folder Scan documents to a nominated folder on your network without using a Windows PC	Scan to SharePoint^{4&7} Scan documents directly into SharePoint
Scan to OCR Scan documents directly into your word processing application for instant editing	Scan to FTP Scan documents directly to a FTP server	Scan to searchable PDF Scan documents to searchable PDF files
Scan to image Scan into your preferred image editing software	Scan profile³ Create up to 25 preset network, FTP profiles for an easy way to store multiple scan settings	Auto deskew Yes
Scan to file Scan to a file on your computer		Base colour removal Yes
		ID scan Yes
		1 to 2 scan Yes

Scanner drivers

Windows[®] TWAIN & WIA Windows [®] 10 (32 and 64 bit editions) Windows [®] 8 (32 and 64 bit editions) Windows [®] 7 (32 and 64 bit editions)	Macintosh⁵ TWAIN macOS v10.11.6, 10.12.x, 10.13.x	Linux⁵ SANE (32 and 64 bit editions)
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Fleet management tools

Unattended installer⁴ Ability to centrally deploy and customise our drivers and software	BRAdmin Light^{4&5} LAN/WAN management software	Driver deployment wizard^{4 &5} Easily create print drivers for hassle free deployment over your network
MSI installer⁴ Modular installers that can be distributed through Active Directory [®]	Embedded web server Web based print management software embedded onto the device	PrintSmart cost control Monitor and control printing costs for all Brother and 3rd party devices

For more information on PrintSmart solutions visit: brother.co.uk

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Software

Brother iPrint&Scan (Windows & Mac)⁵

Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from Windows, macOS or PC

Nuance® PaperPort 14 SE⁵

Document management & sharing program

Network and security

Wired network

10Base-T/100Base-TX

Wired network security

APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos

Wireless network

IEEE 802.11b/g/n
(infrastructure mode)
IEEE 802.11g/n
(Wi-Fi Direct)

Wireless network security

WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
*Wi-Fi Direct supports WPA2-PSK (AES) only. APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos

Wireless setup support

Wi-Fi Protected Setup (WPS)

Wireless applications

Vertical pairing

Wi-Fi Direct™

Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)

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), SNTP Client

IPv6

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, SNTP Client, Web Services (Print/Scan)

IP filter

Restrict which network users can or cannot access the device over the network (IPv4 only)

E-mail notifications

Automatically have the device send e-mail alerts when it requires attention, such as when the toner is low or needs replacing

E-mail reports

Receive usage reports on a regular basis via e-mail

Setting lock

Secures access to the devices control panel by locking it

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 print

Protect print jobs with a four digit release code required at the device in order for them to be printed

Supplies and accessories

In-box toner¹

1,000 pages BK/C/M/Y

Standard yield toner¹

1,000 pages BK/C/M/Y (TN-243)

High yield toner¹

3,000 pages BK
2,300 pages C/M/Y (TN-247)

Drum unit¹

18,000 pages
(1 page / job)
(DR-243CL)

Belt unit¹

Approx. 50,000 pages
(2 page / job)
(BU-223CL)

Waste toner box¹

Approx. 50,000 pages
(5 page / job)
(WT-223CL)

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Dimensions and weights

With carton (WxDxH)

589 x 523 x 568 mm
27.4kg

Without carton (WxDxH)

410 x 475 x 414 mm
23.2kg

Duty cycles

Recommended monthly

300 to 1,500 pages monthly
print volume

Maximum monthly⁶

Up to 30,000 pages monthly
print volume

Environment

Power consumption

Printing: 400W
Ready: 80W
Quiet mode: 280W
Sleep: 9.7W
Deep sleep: 1.2W
Off: 0.04W

TEC value

0.9 kWh/Week

Sound pressure level

Printing: 45dB(A)
Ready: 33dB(A)
Quiet mode: 43dB(A)

Sound power

Printing: 5.92B(A) mono /
5.86B(A) colour
Ready: 4.67B(A)
Quiet mode: 5.71B(A) mono /
5.73B(A) colour
Deep sleep: inaudible

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

GS mark

Yes

Eco mode

Yes

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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

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