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.

brother
at your side

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 printing[3]
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 printing[4]
Enlarge 1 A4 page into a poster
using 4, 9, 16 or 25 A4 pages

Watermark printing[4]
Watermark your documents
with predefined text or with your
own user-defined messages

ID printing[4]
Add identification to your
printed documents (date and
time, short custom message or
PC username)

Manual 2-sided print[4]
Manual 2-sided printing
(recommended for media not
supported by automatic 2-sided
print)

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

Booklet printing[4]
Print documents in A5
booklet format using automatic
or manual 2-sided print

Print profiles[3]
Store your favourite driver
settings as profiles to easily
recall them

Print text in black[4]
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)*

Macintosh[5]
macOS v10.11.6, 10.12.x,
10.13.x

Linux[5]
CUPS, LPD/LPRng
(32 and 64 bit editions)

PostScript universal printer driver[5]
Driver for Windows® that
enables you to print to any
network or locally-connected
Brother laser printer that
supports PostScript

PCL driver[5]
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/m^2)
1 sheet face-up
(straight paper path)

Media type and weights standard tray
Plain and recycled paper
(between 60 - 163g/m^2)

Media sizes standard tray
A4, letter, A5, A5 (long edge),
A6, executive

Media type and weights ADF
Plain and recycled paper
(between 60 - 105g/m^2)

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/m^2)

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/m^2)

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 apps[8]
Print creative center, scan to
mobile, scan to searchable
PDF, enlarge tex copy, fax
forward to cloud/e-mail, scan to
PowerPoint, scan to Excel, scan
to Word, easy scan to e-mail

Web connect[8]
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 copy[8]
Makes reading copied
documents easier if the size of
the text on the original
document is small

Scan

Scanner type
Contact image sensor

Colour and mono scanning
Yes

Scan speed mono
27 images per minute

Scan speed colour
21 images per minute

Scan resolution from scanner glass
1,200 x 2,400dpi

Interpolated scan resolution
19,200 x 19,200dpi

Scan resolution from ADF
600 x 600dpi

Colour depth
48 bit colour processing (input)
24 bit colour processing (output)

Grey Scale
16 bit colour processing (input)
8 bit colour processing (output)

Scanner functions

Scan to e-mail
Scan and share documents via e-mail server

Scan to OCR
Scan documents directly into your word processing application for instant editing

Scan to image
Scan into your preferred image editing software

Scan to file
Scan to a file on your computer

Scan to network folder
Scan documents to a nominated folder on your network without using a Windows PC

Scan to FTP
Scan documents directly to a FTP server

Scan profile[3]
Create up to 25 preset network, FTP profiles for an easy way to store multiple scan settings

Scan to SharePoint[4&7]
Scan documents directly into SharePoint

Scan to searchable PDF
Scan documents to searchable PDF files

Auto deskew
Yes

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)

Macintosh[5]
TWAIN
macOS v10.11.6, 10.12.x, 10.13.x

Linux[5]
SANE (32 and 64 bit editions)

Fleet management tools

Unattended installer[4]
Ability to centrally deploy and customise our drivers and software

MSI installer[4]
Modular installers that can be distributed through Active Directory®

BRAdmin Light[4&5]
LAN/WAN management software

Embedded web server
Web based print management software embedded onto the device

Driver deployment wizard[4 &5]
Easily create print drivers for hassle free deployment over your network

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

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 SE[5]
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 toner[1]
1,000 pages BK/C/M/Y

Standard yield toner[1]
1,000 pages BK/C/M/Y (TN-243)

High yield toner[1]
3,000 pages BK
2,300 pages C/M/Y (TN-247)

Drum unit[1]
18,000 pages
(1 page / job) (DR-243CL)

Belt unit[1]
Approx. 50,000 pages
(2 page / job) (BU-223CL)

Waste toner box[1]
Approx. 50,000 pages
(5 page / job) (WT-223CL)

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 monthly[6]
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

AirPrint | GS geprüfte Sicherheit | mopria ALLIANCE | Wi Fi® CERTIFIED | energy ENERGY STAR

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

Brother Earth

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