



Professional 3-in-1 Mono Laser Printer

High-speed, high-quality, wireless printing and scanning

DCP-L5510DW



PRINT



SCAN



COPY



WIRELESS

Professional 3-in-1 Mono Laser Printer

Built for business, this 3-in-1 device is designed to deliver professional performance with high-speed, high-quality printing and scanning you can depend on. The DCP-L5510DW also gives you the added flexibility of tailoring the paper input to suit the print needs of your business.

DCP-L5510DW



Key features:

- Print up to 48 pages per minute
- 2-Sided print, up to 24 sides per minute
- Scanning up to 28 images per minute³
- 8.9cm Colour touchscreen
- Gigabit ethernet and 5GHz WiFi
- 512MB internal memory
- 250 Sheet paper input tray expandable up to 1,290¹¹
- Comes with 3,000 page yield toner, 11,000 maximum yield available⁷
- Compatible with Brother and 3rd Party solutions¹⁹
- Available under a managed print service (MPS) contract

Secure by design

To keep pace with the ever-evolving legislation on privacy and data security, our devices offer the latest industry-standard security features to securely protect your data.

All our products are secure as standard. With businesses shifting towards Zero Trust environments, we know that security is your highest priority. Our security experts continuously research new enhancements to products, solutions and services to proactively ensure all our products are 'secure by design'.

The DCP-L5510DW provides a range of robust features. It uses triple-layer security at a device, network and document level which is verified through external security certification. This offers added peace of mind and guarantees that the integrity of your data is maintained at every step.

The DCP-L5510DW comes with a flexible suite of security features and solutions that can be tailored to your business, enabling you to easily audit, control and manage your fleet of devices securely.



Your device protects your business by reducing its attack surface through:

Restricting user access - by using LDAPs or Windows Active Directory, only authorised users are able to access the device.

Restricting privileges at a device level - with Secure Function Lock and Setting Lock, only authorised users are permitted access to specific functions.

Maintaining device integrity - with runtime intrusion detection, Secure Boot, digitally signed firmware and end-to-end encrypted connections, devices are always performing at their optimum level of security.



Your network is protected with flexible industry standard features and management tools including:

Intrusion protection - with protocol management, interface restrictions and IPV4 filtering, you have the flexibility to adapt device settings to your business.

Secure connection - securely connect to enterprise level wired and wireless networks through industry standard IEEE 802.1X.

Secure encrypted communication - by using flexible industry standards such as TLS, SSH, IPSEC, HTTPS and SNMP3, your business can tailor the device to its network.

Easily manage and configure your security profile - using Device Master Settings, BRAdmin Pro 4 and Mass Deployment Tool, your business can apply settings to entire fleets of devices.

Audit your devices - using SIEM integration through Syslog, you can gather real time usage information on your devices.



Your documents are protected through encryption, storage protection and secure print solutions including:

Encrypted document transfer - when you send your print data from your computer to the device, IPPS/HTTPS encryption ensures your data is secure and unreadable.

Secure scan data transfer - whether you are scanning to your local network or over the internet via Web Connect or a cloud-based service, your data is protected using TLS, HTTPS, SFTP (SSH).

Non-persistent internal memory - all print job data is automatically wiped during a reboot and data is purged, ensuring no information is left on the device.

Secure print release - using a Brother secure print solution, documents are only released when you are ready to print and collect them.

3rd party integration - through Brother Solutions Interface (BSI), our devices can be fully integrated with trusted 3rd party partners such as Kofax and YSoft, which adds an extra layer of security to your business.

Solutions ready

Automate workflows and improve business processes and security with print management solutions.

We offer a suite of document management, security and workflow solutions which can be added to the DCP-L5510DW to provide additional professional features to further improve your business processes.



Seamless integration

Whether you already use print software or would like to understand how specialist print software can help your business, we are here to help.

As a Brother customer, you will have access to a wide choice of leading software vendors including Kofax, YSoft and many more.

We work closely with our software partners across print management and document capture to create tailored solutions for your specific requirements. When we partner with a software vendor, we ensure your DCP-L5510DW works even harder to meet your needs.

General

Technology

Electrophotographic Laser

Memory

512MB

Control panel

8.9cm Colour

Touchscreen LCD

Local Interface

Hi-Speed USB 2.0, USB 2.0
Host (Front)

Wired Network

Gigabit Ethernet

Wireless Network

2.4GHz and 5GHz Support

Carton Contents

Device, Inbox Toners, Drum,
Power Supply Cord, Quick
Set-Up Guide, Warranty Card

Print

Print Speed (A4)

1 Sided: 48ppm Mono
2 Sided: 24 sides
per minute Mono

FPOT (First Print Out Time)

Up to 6.7 Seconds Mono

Quiet Mode

A mode to reduce the
printing noise

Resolution

Up to 1200 x 1200dpi

Print Languages

PCL6, BR-Script3, IBM
Proprinter XL, Epson FX-850,
PDF Version 1.7

Embedded Fonts (PCL)

73 scalable fonts,
12 bitmap fonts

Embedded Barcodes (PCL)

16 bar codes*

*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

Embedded Fonts (Postscript)

66 scalable fonts

Printer Functions

N-up Printing

Reduce up to 25 pages into
a single page

Poster Printing

Enlarge a single page into a
poster using 2x2, 3x3, 4x4
or 5x5 pages

Toner Save Mode

Use the Toner Save Mode to
reduce toner consumption
without affecting print speed

Watermark Printing

Watermark your documents
with predefined text, custom
logo or custom messages

ID Printing

Add identification to your printed
documents (date and time,
short custom message or
PC username)

Booklet Printing

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

Print Profiles

Store your favourite driver
settings as profiles to easily
recall them

Direct Print

Print directly from a USB flash
memory drive. Supported
formats include; PDF 1.7, JPEG,
Exif+JPEG, PRN (created using
printer driver of model), TIFF
(scanned using brother model)

Manual 2-Sided Print

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

Reverse Print

Rotate the content of a printed
document by 180°

Carbon Copy

Prints additional copies of the
same document to paper taken
from additional paper trays

Print Complete Notice

A printing notification can be set
to go to your computer

Match Media

Assign an ID to a specific tray to
make the selection of different
media types from a specific
tray easier

Skip Tray

Configures your paper tray
selection to avoid specific trays/
media for regular printing

Job Separation

Insert a different coloured piece
of paper between different print
jobs to separate them for easy
identification

Secure Print

Protect print jobs with a 4 digit
release code required at the
device in order for them to
be printed

Printer Driver

Windows

Windows 11
(32 and 64 bit editions)
and more

macOS

Printing via macOS requires the use of AirPrint. Mac drivers are not provided.

Linux

CUPS, LPD/LPRng
(i686 and x86_64)

ChromeOS

Supports native
ChromeOS printing

PCL Driver

Generic PCL XL driver

PostScript Universal Printer Driver

Driver for Windows that enables you to print to any network or locally connected Brother printer

Visit support.brother.com for the full list of supported OS and to download the latest drivers and software.

Paper Handling¹¹

Paper Input Standard Tray

250 Sheets

Multi Purpose Tray

100 Sheets

Automatic Document Feeder (ADF)

50 Sheets

Paper Output

150 Sheets A4

Envelope Printing

Yes from multi purpose tray

Media Sizes

Standard Tray

A4, Letter, B5(JIS), A5, A5(Long Edge), A6, Executive, Legal, Mexico Legal, India Legal, A4 short (270mm), Folio, 16K

Multi Purpose Tray

Width 69.8 to 215.9 mm,
Length 127 to 355.6 mm
Envelope: COM-10, DL, C5, Monarch

ADF

Width: 105 to 215.9 mm,
Length: 147.3 to 355.6 mm

Scanner Glass

Up to A4/Letter

Auto 2-Sided

A4

Media Type and Weights Standard Tray

Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper, Thick Paper
60-163gsm

Multi Purpose Tray

Plain Paper, Letterhead, Colored Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Env. Thin, Env.Thick
60-230gsm

ADF

Plain and Recycled paper
64-90gsm

Auto 2-Sided

Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper
64-105gsm

Mobile and Web Connectivity

Brother Mobile Connect¹⁷ (Android)

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

Brother Mobile Connect¹⁷ (iPad / iPhone)

Print from, scan to, preview copies and check the machine status from an iPad/iPhone

Apple AirPrint¹⁷

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

Brother Print Service Plugin¹⁷

Print from an Android devices without a dedicated App.

Mopria™¹⁷

Print most common file types from Mopria™ supported Android devices

Brother Apps¹⁸

Scan to Mobile, Scan to Searchable PDF, Fax forward to Cloud/E-mail, Scan to PowerPoint, Scan to Excel, Scan to Word, Easy scan to E-mail

Web Connect¹⁸

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

Copy

Copy Speed (A4)

1-Sided: 48ppm Mono

Resolution

Up to 1200 x 600dpi

FCOT

(First Copy Out Time)

Up to 8.7 Seconds Mono

Grey Scale

256 shades of grey
(8 bit for each colour)

Copy Functions

Multi-Copying/Stack/Sort

Makes up to 999 copies of each page/Stacks or Sorts

Enlargement/Reduction Ratio

Reduce or Increase document sizes from 25% to 400% in 1% increments

2 in 1 ID Copying

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

Receipt Copying

Produces clearer copies of receipts

N in 1 Copying

Allows the user to compress 2 or 4 pages on to a single A4 sheet

Scan

Scanner Type

CIS (Contact Image Sensor)

Colour and Mono Scanning

Yes

Scan Speed (A4)³

1-Sided: 28ipm Mono and 20ipm Colour

Scan Resolution from ADF

600 x 600dpi

Scan Resolution from Scanner Glass

1200 x 1200dpi

Interpolated Scan Resolution

Brother Scanner Utility enhances up to 19,200 x 19,200dpi

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

Supported File Formats

Including PDF (PDF/A-1b, Secure PDF, Signed PDF, Searchable¹⁷) JPEG, TIFF, XPS

Standard Functions¹⁷

Scan to USB, E-mail, OCR, Image and File

Network Scanning

Scan to network folder (SMB)¹⁶, FTP, SFTP, Email Server, SharePoint (On Premise)

Direct Scan

Scan directly to a USB flash memory storage

Scan Features

Auto Deskew from ADF, Rotate Image¹⁶, Background Processing¹⁶, Colour Drop¹⁶, Character Correction^{16,17}, Edge Emphasis¹⁶, Reduce Noise¹⁶, Edge Fill^{16,17}, Skip Blank Page, Split and Multi page PDF

Scan To Microsoft Office

Scan to Word (.docx), PowerPoint (.pptx), Excel (.xlsx) for Microsoft Office

Scan Profile¹⁵

Create up to 25 preset network, SFTP/FTP profiles for an easy way to store multiple scan settings

Document Separation

Create scanned files based on blank sheet separation or a specific number of single sided images or sheets of paper, even if more documents are set on the ADF

Scanner Drivers

Windows

TWAIN and WIA
Windows 10
(32 and 64 bit editions)

macOS

Scanning via macOS requires the use of AirPrint. Mac drivers are not provided.

Linux

SANE (32 and 64 bit editions)

ChromeOS

Supports native ChromeOS scanning

Visit support.brother.com for the full list of supported OS and to download the latest drivers and software.

Fleet Management Tools

Unattended Installer¹⁶

Ability to centrally deploy and customise our drivers and software

MSI Installer¹⁶

Modular installers that can be distributed through On-premise Active Directory

BRAdmin^{16,17}

LAN/WAN management software

Embedded Web Server

Web based print management software embedded onto the device

Driver Deployment Wizard^{16,17}

Easily create print drivers for hassle free deployment over your network

Mass Deployment Tool¹⁶

Provides a configuration interface to help manage and deploy device settings

Status Monitor¹⁶

Monitor the status of your machine from your computer

Software

Brother iPrint&Scan Desktop^{15,17}

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

PaperPort SE 14^{16,17}

Document management and sharing program from KOFAX

Utilities

Provides setup guides, manual, FAQ, troubleshooting and contact to Brother customer service

Easy Setup

Simple access to drivers and software for the installation of your Brother machine from support.brother.com

Connectivity

Wired Network

Gigabit Ethernet (10Base-T/100Base-TX/1000Base-T)

Wireless Network

2.4GHz: IEEE 802.11 b/g/n (Infrastructure Mode)
IEEE 802.11 g/n (Wi-Fi Direct)

5GHz: IEEE 802.11 a/n (Infrastructure Mode)
IEEE 802.11 a/n (Wi-Fi Direct)

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)

Wireless Applications

Vertical Pairing

Mobile

Print or scan from your mobile device with Brother Mobile Connect, Airprint, Mopria

Local Interface

Hi-Speed USB 2.0, USB 2.0 Host (Front)

Security Features

Wired Network Security

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

Wireless Network Security

WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE (AES)
*Wi-Fi Direct supports WPA2-PSK (AES) only.
APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, FTPS, SMTP, POP3, IMAP4), SNMP v3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec

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, LDAP, Syslog

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 HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTP Client, LDAP, Web Services (Print/Scan), Syslog

IP Filter

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

Secure Print

Protect print jobs with a 4 digit release code required at the device in order for them to be printed

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

Automatic Intrusion Detection

All Brother Print devices are secure by design. Devices automatically recognise security attacks and take preventative measures, including rebooting where necessary, to ensure the device remains secure

Firmware Updates

In addition to allowing automatic update alerts to install the latest version the printer can be set to not receive older firmware versions to avoid downgrade by an unauthorised user

Cloud Secure Print

Enables password protected driverless print job release

Setting Lock

Secures access to the devices control panel by locking it

Certificate Management

Use the default standard self-signed, create a custom self-signed certificate, certificate signing request (CSR), or external public certificate & private key for protected network communication

Secure Function Lock 3.0

Use a 4 digit pin or a password to identify and authenticate an individual or groups of users over a network. Allows access control for up to 200 users

Digitally-signed Firmware

The firmware for Brother print and scan devices is digitally signed and secure

Syslog

Allows IT Admin to access a single application (SIEM tool) to get device status updates for audit purposes over Syslog

On-Premise Active Directory/LDAP Authentication

Utilise existing infrastructure to restrict access to Brother devices using AD/LDAP. Staff can easily use their existing network login credentials to authenticate

Port-based Network Access Control

(IEEE 802.1x)
Brother devices are in full compliance with this standard, to allow connection to an 802.1x EAP (Extensible Authentication Protocol) protected network

Restrict network protocols

The Protocol Control feature allows an administrator to restrict communication protocols (e.g. FTP, Telnet) as required

Store Print Log

Allows audit of a print log file saved to CIFS server. Record ID, type, name, user, date, time, page count for every print job

Near-Field Communications (NFC) / Card Reader Support

External NFC Card Reader Support

RFIDeas pcProx Enroll

- RDR-6081AKU
- RDR-6281AKU
- RDR-6381AKU
- RDR-6E81AKU
- RDR-6H81AKU

RFIDeas AIR ID Enroll

- RDR-7081AKU
- RDR-7581AKU
- RDR-7F81AKU

Elatec

- TWN3 MIFARE
- TWN3 MIFARE NFC
- TWN3 Multi ISO
- TWN4 MIFARE NFC

(3rd party card readers require additional purchase. Other card readers supported if registered via the embedded web server)

Supplies and Consumables

Inbox Toner⁷

1 x 3,000 pages (BK)

Standard Yield Toner⁷

TN3600 - 3,000 pages

High Yield Toner⁷

TN3600XL - 6,000 pages

Super High Yield Toner⁷

TN3600XXL - 11,000 pages

Drum Unit

DR3600 Approx 75,000 pages at 3 pages per job

Optional Accessories

Card Reader Holder

CH-1000
Optional external NFC Card reader holder

Filter Holder

FH-1100
Used in Quiet Mode (Germany Only)

Paper Trays

250 sheet tray LT-5505
520 sheet tray LT-6505

Maximum combinations
2 x LT-5505
or 2 x LT-6505
or 1 x LT-5505 + 1 x LT-6505

Address Book

LDAP

The ability to connect to an external LDAP enabled address book, like Microsoft Exchange. Compatible with LDAP and LDAPS

Speed Dials¹⁷

300 locations for E-mail addresses and fax numbers

Group Dial¹⁷

A combination of up to 20 groups can be stored for broadcasting

Solutions and Upgrades¹⁹

Compatible with

Order Supplies, Remote Panel, Request Help, ThinPrint Client, SecurePrint+ Barcode Print+, Email Print, Barcode Utility, Custom UI

3rd Party Compatibility

Brother Solutions Interface (BSI)

Create powerful cloud and on premise solutions directly integrating the advanced print, scan and security capabilities of Brother devices.

For more information visit:

www.brother.eu/developers

3rd Party Solutions

Compatible through Brother Solutions Interface (BSI) including Kofax ControlSuite, YSoft and more

Dimensions and Weights

With Carton (WxDxH)

549 x 497 x 580mm - 20.5kg

Without Carton (WxDxH)

417 x 461 x 448mm - 16.90kg

Duty Cycle

Recommended Monthly

Up to 5,000 pages

Operating Requirement

Power Requirement

220-240V
AC 50/60Hz

Operating Environment

Humidity 20 - 80 %
10°C - 32.5°C
50°F - 90.5°F

Storage Environment

Humidity 35 - 85 %
0°C - 40°C
32°F - 104°F

Environment

Approx Power Consumption^{13,23}

Copying: 680W
Copying in quiet mode: 430W
Printing: 670W
Printing in quiet mode: 430W
Ready: 31W
Sleep: 5.9W
Deep Sleep: 0.6W
Power Off: 0.05W

TEC Value

0.63 kWh/week

Sound Power¹²

Printing: 7.02B(A)
Ready: 4.90B(A)
Quiet Mode: 6.54B(A)
Deep Sleep: Inaudible

Sound Pressure¹²

PC Printing (Mono):
Approx. 54.0dB(A)
Ready: 35.0db(A)
Quiet Mode: 50.0db(A)

Toner Save

This reduces the toner consumption to get more pages from your consumables

Blue Angel

Yes

GS Mark

Yes

Nordic Swan

Yes

- 3 Scan Speeds based on ISO/IEC 17991
- 7 Approx. declared yield value in accordance with ISO/IEC 19752
- 11 Capacity calculated with 80gsm paper
- 12 Sound pressure and sound power level in accordance with ISO 7779
- 13 Power consumption power off is measured according to IEC 62301 Edition 2.0
- 15 Windows and macOS only
- 16 Windows only
- 17 Optional download
- 18 Requires an Internet connection
- 19 Requires additional activation
- 23 Power consumption is measured using ENERGY STAR Ver 3.1 test method network configuration



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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