



# Professional 3-in-1 Mono Laser Printer

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

**DCP-L5510DW**



PRINT



SCAN



COPY



WIRELESS

[www.brother.eu](http://www.brother.eu)

## 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 minute<sup>3</sup>
- 8.9cm Colour touchscreen
- Gigabit ethernet and 5GHz WiFi
- 512MB internal memory
- 250 Sheet paper input tray expandable up to 1,290<sup>11</sup>
- Comes with 3,000 page yield toner, 11,000 maximum yield available<sup>7</sup>
- Compatible with Brother and 3rd Party solutions<sup>19</sup>
- 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](http://support.brother.com) for the full list of supported OS and to download the latest drivers and software.

## Paper Handling<sup>11</sup>

### 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 Connect<sup>17</sup> (Android)

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

### Brother Mobile Connect<sup>17</sup> (iPad / iPhone)

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

### Apple AirPrint<sup>17</sup>

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

### Brother Print Service Plugin<sup>17</sup>

Print from an Android devices without a dedicated App.

### Mopria™<sup>17</sup>

Print most common file types from Mopria™ supported Android devices

### Brother Apps<sup>18</sup>

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 Connect<sup>18</sup>

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)<sup>3</sup>

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, Searchable<sup>17</sup>) JPEG, TIFF, XPS

### Standard Functions<sup>17</sup>

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

### Network Scanning

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

### Direct Scan

Scan directly to a USB flash memory storage

### Scan Features

Auto Deskew from ADF, Rotate Image<sup>16</sup>, Background Processing<sup>16</sup>, Colour Drop<sup>16</sup>, Character Correction<sup>16,17</sup>, Edge Emphasis<sup>16</sup>, Reduce Noise<sup>16</sup>, Edge Fill<sup>16,17</sup>, Skip Blank Page, Split and Multi page PDF

### Scan To Microsoft Office

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

### Scan Profile<sup>15</sup>

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](http://support.brother.com) for the full list of supported OS and to download the latest drivers and software.

## Fleet Management Tools

### Unattended Installer<sup>16</sup>

Ability to centrally deploy and customise our drivers and software

### MSI Installer<sup>16</sup>

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

### BRAdmin<sup>16,17</sup>

LAN/WAN management software

### Embedded Web Server

Web based print management software embedded onto the device

### Driver Deployment Wizard<sup>16,17</sup>

Easily create print drivers for hassle free deployment over your network

### Mass Deployment Tool<sup>16</sup>

Provides a configuration interface to help manage and deploy device settings

### Status Monitor<sup>16</sup>

Monitor the status of your machine from your computer

## Software

### Brother iPrint&Scan Desktop<sup>15,17</sup>

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

### PaperPort SE 14<sup>16,17</sup>

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](http://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<sup>®</sup>

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 Toner<sup>7</sup>

1 x 3,000 pages (BK)

### Standard Yield Toner<sup>7</sup>

TN3600 - 3,000 pages

### High Yield Toner<sup>7</sup>

TN3600XL - 6,000 pages

### Super High Yield Toner<sup>7</sup>

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 Dials<sup>17</sup>

300 locations for E-mail addresses and fax numbers

### Group Dial<sup>17</sup>

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

## Solutions and Upgrades<sup>19</sup>

### 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](http://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<sup>13,23</sup>

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 Power<sup>12</sup>

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

### Sound Pressure<sup>12</sup>

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](http://www.brotherearth.com)

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