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Professional 3-in-1 mono laser multifunction printer

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

DCP-L5510DW

PRINT SCAN COPY WIRELESS

www.brother.co.uk

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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 48ppm
- 2-sided print, up to 24spm
- Scanning up to 28ipm
- 8.9cm colour touchscreen
- Gigabit ethernet and 5GHz Wi-Fi
- 512MB internal memory
- 250 sheet paper input tray expandable up to 1,290[11]
- 3,000 page in-box toner
- Up to 11,000 page toner available[7]
- Compatible with Brother and 3rd party solutions[19]
- 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.

With businesses shifting towards zero trust environments, we know that security is your highest priority, so 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.

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

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

Restricting user access - 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.

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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.

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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, in-box toners, drum, power supply cord, quick set-up guide, warranty card

Print

Print speed (A4)
1-sided: 48ppm mono
2-sided: 24spm mono

First print out time (FPOT)
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 four digit release code required at the device in order for them to be printed

Printer driver

Windows
Windows 10(32 and 64 bit)
Windows 11
(64 bit)
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 handling[11]

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, coloured paper, thin paper, recycled paper, thick paper 60-163gsm

Multi-purpose tray
Plain paper, letterhead, coloured 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, coloured paper, thin paper, recycled paper 64-105gsm

Mobile and web connectivity

Brother Mobile Connect[17] (Android)
Print from, scan to, preview copies and check the machine status from an Android device

Brother Mobile Connect[17] (iPad / iPhone)
Print from, scan to, preview copies and check the machine status from an iPad/iPhone

Apple AirPrint[17]
Print from and scan to most common file types from any AirPrint enabled application

Brother Print Service Plugin[17]
Print from an Android device without a dedicated App.

Mopria™ [17]
Print most common file types from Mopria™ supported Android devices

Brother Apps[18]
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[18]
Print from and scan to without using a PC on Box, Dropbox, Evernote, OneDrive, Google Drive™, OneNote

Copy

Copy speed (A4)
1-sided:
48 copies per minute mono

Resolution
Up to 1200 x 600dpi

First copy out time (FCOT)
Up to 8.7 seconds mono

Greyscale
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
Contact image sensor (CIS)

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)

Greyscale
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[17]) JPEG,TIFF, XPS

Standard functions[17]
Scan to USB, e-mail, OCR, image and file

Network scanning
Scan to network folder (SMB)[16], FTP, SFTP, e-mail server, SharePoint (On Premise)

Direct scan
Scan directly to a USB flash memory storage

Scan features
Auto Deskew from ADF, rotate image[16], background processing[16], colour drop[16], character correction[16,17], edge emphasis[16], reduce noise[16], 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 profile[15]
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 edition)
Windows 11
(64 bit edition)

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 installer[16]
Ability to centrally deploy and customise our drivers and software

MSI installer[16]
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 tool[16]
Provides a configuration interface to help manage and deploy device settings

Status monitor[16]
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 (10BaseT /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 four 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 cerificate and private key for protected network communication

Secure function lock 3.0
Use a four 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

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

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

Supplies and consumables

In-box toner[7]
1 x 3,000 pages (BK)

Standard yield toner[7]
TN-3600 - 3,000 pages

High yield toner[7]
TN-3600XL - 6,000 pages

Super-high yield toner[7]
TN-3600XXL - 11,000 pages

Drum unit
DR-3600 - approx 75,000 pages at three pages per job

Optional accessories

Card reader holder
CH-1000
Optional external NFC card reader holder

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[17]
300 locations for e-mail addresses and fax numbers

Group dial[17]
A combination of up to 20 groups can be stored for broadcasting

Solutions and upgrades[19]

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: https://atyourside.brother.co.uk/developer-centre

3rd party solutions
Compatible through 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
0.59 kWh/week

Sound power[12]
Printing: 7.02B(A)
Ready: 4.90B(A)
Quiet mode: 6.54B(A)
Deep sleep: Inaudible

Sound pressure[12]
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

Brother Earth

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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