

BUSINESS SMART X SERIES



Professional Wireless Inkjet Printer

Business Smart X Series



PRINT



WIRELESS

HL-J5113DW

Professional Wireless Inkjet Printer

Effortless quality with the compact Business Smart X Series

Print confidently knowing that Brother's Advanced Maintenance keeps your device in peak condition, ensuring consistent high quality outputs whenever you need them. Maintain productivity with super high yield premium inks and additional paper trays that support flexible, mixed media printing.

HL-J5113DW



Key features:

- Durable MAXIDRIVE print head
- Print up to 28 images per minute
- Dual-band Wi-Fi® (2.4 and 5GHz), Gigabit Ethernet and USB
- 2 x 250 Sheet paper tray, 100 sheet multi-purpose tray
- Compatible with Brother and 3rd party solutions
- Comes with 2,400 black, 2,000 colour page yield ink, 12,000 black, 10,000 colour maximum yield available
- Available under a Managed Print Service (MPS) contract

Workflow

Keep your business running smoothly and efficiently with the HL-J5113DW. Streamline your workflow from start to finish with BRAdmin's powerful network-based management tool, you can easily monitor and control your entire Brother fleet.

Solutions

Automate tasks 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 HL-J5113DW to provide additional professional features.

MAXIDRIVE Technology

Brother's patented MAXIDRIVE technology precisely delivers ink at high power, enabling faster printing without compromising on quality. Combined with premium pigment inks to ensure vibrant colours and crisp, sharp text helping your business produce professional results every time.

Hassle-free Advanced Maintenance

Brother's Advanced Maintenance automatically keeps your printer in peak condition, preventing issues before they happen and ensuring your printer delivers professional quality without downtime and added costs.

Make printing simple with Brother MPS

Brother's Managed Print Service (MPS) supports you to get the best out of your devices. That's why the HL-J5113DW has been designed with MPS in mind. Whatever your printing needs, we'll be "At your side" to find the solution that simplifies printer admin, saves time, keeps costs down, and helps you stay productive, with:

- **No long-term commitments**
- **Ink and toner delivery before you run out**
- **Quick breakdown support**
- **Easy supplies recycling**

Secure by design

Device Security

Protect your business with advanced security features that minimise attack surfaces. Benefit from secure user access through LDAPS, Active Directory, and NFC authentication. Tools like Secure Function Lock help control user privileges. Secure Boot, and digitally signed firmware work together to safeguard system integrity.

Network Security

Protect your network with industry-standard tools including encrypted communication and secure access via IEEE 802.1X. Centralised management and real-time syslog reporting ensure seamless integration with your security systems.

Document Security

Keep sensitive data protected with encrypted transfer for printing, non-persistent memory that clears after each job, and secure print release to ensure documents only print when you're ready. Integration with Brother Solutions Interface helps streamline secure workflows.



Supplies Ink Cartridges



LC527

1,300 BK, 900 CMY

LC527XL

3,000 BK, 2,000 CMY

LC528

6,000 BK, 5,000 CMY

LC528XL

12,000 BK, 10,000 CMY

Sustainability

At Brother we're proud to be taking meaningful steps to reduce our environmental impact without compromising on performance. The HL-J5113DW and all compatible ink cartridges are designed to be remanufactured and the device incorporates 32%⁴⁴ recycled plastics, helping to lower CO₂ emissions.

Our award-winning moulded pulp packaging replaces Expanded Polystyrene (EPS), making it environmentally friendly and easy to recycle whilst still ensuring durability and flexibility for safe product delivery. Find out more: brother.eu/packaging

General

Technology

MAXIDRIVE Piezo inkjet technology has 1,680 channel pressure generating chambers for ink ejection on a single chip with smart print head sensing automatically³⁷ maintains perfect ink flow for consistently sharp, reliable prints

Memory

512MB internal

Processor

960 MHz

Machine Colour

Body: White

Control Panel: Grey

Control Panel

6.8cm (2.7") Colour

Touchscreen LCD

Local Interface³⁹

Hi-Speed USB 2.0,

USB 2.0 Host (Front)

Wired Network Interface

GigE (10Base-T/

100Base-TX/1000Base-T)

Wireless Network interface

2.4GHz: IEEE 802.11b/g/n

5GHz³⁸: IEEE 802.11a/n

(Infrastructure Mode),

Vertical Pairing

Wi-Fi Direct[®]

Print wirelessly without having to use a wireless access point

(both automatic and manual

methods supported)

Print^{1,2}

Print Speed (A4)

Up to 28 ipm

(images per minute)

Print Speed 2-Sided (A4)

Up to 22 ipm

(images per minute)

Resolution

Up to 1,200 x 4,800 dpi

(Horizontal x Vertical,

dots per inch)

FPOT

(First Print Out Time)

4.7 seconds colour, 4.5 seconds

mono, from ready mode and

standard tray

Recovery Time

Less than 1 second from sleep

mode

Printer Functions

Print Head Sensor

The print head sensor monitors 1,680 nozzles for alignment and paper feed accuracy, supporting precise user-initiated calibration⁴³ to maintain sharp, consistent print quality

Direct Print

Print directly from the front

USB host port using a USB flash memory drive. Supported formats include; PDF 2.0, JPEG, TIFF and Exif DCF (up to Ver 2.1)

Header Footer Print^{15,33}

Print the date, time, login user name, or custom text on your documents

N-up Printing^{15,33}

Reduce up to 2, 4, 9 or 16

pages into a single page

Poster Printing^{15,33}

Enlarge 1 A4 page into a poster

using 4 or 9 - A4 pages

Watermark Printing^{15,33}

Watermark your documents

with predefined or

user-defined text

Secure Print^{16,33}

Protect print jobs with a 4 digit

release code required at the

device in order for them to be

printed

Reverse Print^{16,33}

Printing the pages in the

opposite order, starting with

the last page and ending with

the first

Mirror Print

Reverses the horizontal

orientation of the page,

producing a left to right inverted

output relative to the original

data

Booklet Print^{16,33}

A4 duplex documents in A5

booklet format

Borderless Print^{16,33}

Eliminate margins, print up to

the edges of A4 paper. Ideal for

photos and full-page graphics

Driverless Print Compatibility	Windows Modern Print Platform Ready Supports seamless, driverless printing via IPP for instant setup on Windows 10 (21H2+) and Windows 11 devices	Mopria™ Print common file types from supported Android mobile devices and Windows computers	Apple AirPrint Print common file types from any AirPrint enabled application
			ChromeOS™ Supports Work with Chromebook printing

Our printers support driverless printing across Windows, macOS, iOS, and Android devices for instant, secure, and hassle-free setup.

Paper Handling

Paper Handling	Paper Input¹¹	Multi-purpose Tray	Media Weights
	Standard Tray 1, 2	A4, LTR, EXE, LGL, Folio, A5, A6, Photo (10 x 15cm), Indexcard (13 x 20cm), Photo-L (9 x 13cm), Photo-2L (13 x 18cm), C5, Com-10, DL Envelope, Monarch, Mexico Legal, India Legal, Long paper (max length: 1200mm)	Tray 1
	250 Sheets		64 - 220gsm
	Multi-purpose Tray		Tray 2
	100 Sheets		64 - 120gsm
	Paper Output¹¹	2-sided Print	Multi-purpose Tray
	150 Sheets A4	LGL, Folio, A4, LTR, EXE, A5, Mexico Legal, India Legal	64 - 220gsm
	Media Sizes	Direct Print	Auto 2-sided Print
	Tray 1		64 - 105gsm
	A4, LTR, EXE, LGL, Folio, A5, A6, Photo (10 x 15cm), Indexcard (13 x 20cm), Photo-L (9 x 13cm), Photo-2L (13 x 18cm), C5, Com-10, DL Envelope, Monarch, Mexico Legal, India Legal	Tray 1 Multi-purpose Tray	Media Types
	Tray 2	JPEG - A4, Photo (10 x 15cm), Photo-2L (13 x 18cm), Letter	Tray 1
	A4, LTR, EXE, LGL, Folio, A5, Mexico Legal, India Legal	PDF - A4, Letter, A5, A6, Legal, Mexico Legal, India Legal, Folio	Plain Paper, Recycled Paper, Inkjet Paper, Glossy Paper
		Tray 2	Tray 2
		PDF - A4, A5, Letter, Legal, Mexico Legal, India Legal, Folio	Plain Paper, Recycled Paper
			Multi-purpose Tray
			Plain Paper, Recycled Paper, Inkjet Paper, Glossy Paper
			Auto 2-sided Print
			Plain Paper, Recycled Paper
			Direct Print
			JPEG - Plain Paper, Recycled Paper, Inkjet Paper, Glossy Paper
			PDF - Plain Paper, Recycled Paper
			Paper Sensors
			Left Document Notification

Connectivity

Microsoft Universal Print

Organisations can manage their Brother print infrastructure through cloud services from Microsoft

Brother Mobile Connect³⁶

A Brother app to Print from a mobile device running iOS or Android operating system

Brother Print Service Plugin³⁵

Print from Android devices without a dedicated app

Brother Apps¹⁸

Cloud Secure Print

Web Connect^{18,19}

Without a PC you can download to print for Box, Microsoft SharePoint Online, Dropbox, Evernote, OneDrive, Google Drive™, OneNote

Email Print^{18,19}

Enables driverless printing via email

Fleet Management Tools³⁵

BRAdmin¹⁶

LAN/WAN management software

Embedded Web Server

Using the IP address or node name of your device access via USB or network via a web browser to the web based print management software embedded onto the device using a randomly encrypted password

Mass Deployment Tool¹⁶

Provides a configuration interface to help manage and deploy device settings

Software³⁵

Brother iPrint&Scan¹⁵

Print from and check the machine status from Windows or macOS PC using Brother software

Print Support App¹⁶

As an alternative to Windows Modern Print this method enhances compatibility and ease of use by enabling printing without traditional printer drivers, making it a versatile and efficient solution for modern printing needs accessible through the Microsoft Store

Visit support.brother.com for the full list of supported OS and to download the latest software. All trademarks, brand and product names are property of their respective companies

Legacy Print Drivers³⁴

Print Emulations

PCL6, BR-Script3,
PDF Version 2.0

Embedded Fonts (PCL)

73 scalable fonts, 12 bitmap
stored in firmware and can be
used when printing via the PCL
(Printer Command Language)
print emulation

Embedded Fonts (BR-script)

66 scalable fonts stored in
firmware and can be used when
printing via the BR-Script print
emulation

Embedded Barcodes (PCL)

16 barcode fonts - 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,B,C),
EAN128 (set A,B,C), Code93,
GS1Databar, MSI

Linux

Printer Driver (Linux, CUPS,
LPD/LPRng)⁴²

Traditional print drivers are available for supported legacy Windows environments. Microsoft now prioritises driverless printing for newer Windows platforms

Network Security

Wired Network Security

SMTP-AUTH, SSL/TLS (IPP,
IPPS, HTTP, HTTPS, SMTP,
LDAP, LDAPS, TFTP, TFTP),
SNMP v3, 802.1x (EAP-MD5,
EAP-FAST, PEAP, EAP-TLS,
EAP-TTLS), OAuth 2.0 (SMTP),
Kerberos, IPsec

Wireless Network Security

WEP 64/128 bit, WPA-PSK
(TKIP/AES), WPA2-PSK
(TKIP/AES), WPA3-SAE (AES),
SMTP-AUTH, SSL/TLS
(IPP, IPPS, HTTP, HTTPS, SMTP,
LDAP, LDAPS, TFTP, TFTP),
SNMP v3, 802.1x (EAP-FAST,
PEAP, EAP-TLS, EAP-TTLS),
OAuth 2.0 (SMTP), Kerberos,
IPsec, Wi-Fi Protected Setup
(WPS)⁴⁵

IPv4

ARP, RARP, BOOTP, DHCP,
APIPA (Auto IP), WINS/NetBIOS
name resolution, DNS Resolver,
mDNS, LLNMR responder,
LPR/LPD, Custom Raw Port/
Port9100, IPP/IPPS, FTP Server,
SNMPv1/v2c/v3, TFTP Client
and server, SMTP Client, ICMP,
Web Services (Print), CIFS
Client, SNMP Client, LDAP/
LDAPS, HTTP/HTTPS Server,
Syslog

IPv6

NDP, RA, mDNS, LLNMR
Responder, DNS Resolver,
LPR/LPD, Custom Raw Port/
Port9100, IPP/IPPS, FTP Server,
SNMPv1/v2c/v3, TFTP Client
and Server, Web Services (Print),
SMTP Client, CIFS Client, SNT
Client, LDAP/LDAPS, ICMPv6,
HTTP/HTTPS Server, Syslog

IP Filter

Restrict which network users
can or cannot access the device
over the network

Security Features

E-mail Notifications

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

E-mail Reports

Receive usage reports on a regular basis via e-mail

Secure Boot

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

Digitally-Signed Firmware

The firmware for Brother Print devices is digitally signed and secure

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

Storage Encryption

Protects data at rest
e.g: Fax data, Address book, User shortcuts, Network configuration by encrypting the internal storage

Restrict Network Protocols

The network access control feature allows an administrator to restrict communication protocols (e.g: Port 9100) as required

Physical Interface restriction

Secures access by disabling specific physical interfaces directly from the Embedded Web Server (EWS)

Secure Function Lock 3.0

Use a 4 digit pin or password to identify and authenticate an individual or groups of users over a network. Allows access control with username for up to 100 users

Cloud Secure Print¹⁸

Enables password protected driverless print job release

Firmware Updates¹⁸

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

SysLog

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

Secure Key Management

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

Near-Field Communication

NFC Card Reader

Supports secure user authentication via NFC card reader for access control, and enables personalised workflows through NFC Shortcut configuration. Third-party card reader support requires additional purchase and can be connected to the front USB host and registered via the embedded web server

Integrated Support for NFC

include: (ISO14443 Type A) MIFARE Standard/Plus/ Ultralight/Ultralight C/DESfire/my-d move (ISO15693 Type B) Tag-it

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

Address Book

Speed Dials

100 locations, each entry can store up to 2 destination numbers

Group Dial

A combination of up to 6 groups can be stored

LDAP

The ability to connect to an external LDAP enabled address book, like Microsoft Exchange

Solutions and Upgrades¹⁹

Compatible with

ThinPrint Client
SecurePrint Advanced
SecurePrint+
Barcode Print+

Developers

Brother Solutions Interface (BSI)

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

For more information visit: www.brother.eu/developers

Supplies and Accessories⁹

Inbox Cartridge

1 x 2,400 pages (BK)
3 x 2,000 pages (CMY)

Standard Cartridge

LC527
1 x 1,300 pages (BK)
3 x 900 pages (CMY)

High Yield Cartridge

LC527XL
1 x 3,000 pages (BK)
3 x 2,000 pages (CMY)

Super High Yield Cartridge

LC528
1 x 6,000 pages (BK)
3 x 5,000 pages (CMY)

Ultra High Yield Cartridge

LC528XL
1 x 12,000 pages (BK)
3 x 10,000 pages (CMY)

New design simple cartridge with improved recyclability

Carton Contents

Machine, Inbox Cartridges, Power Supply Cord, Quick Set-Up Guide, Warranty Card, (PC interface cable NOT included)

Ink Capture Box

WI506

Page Gauge

On-screen display which monitors the ink cartridges. A single, automatic ink charge at initial setup readies the print head for dependable, high-quality printing

Dimensions
and Weights

**Printer without Carton
(WxDxH)**
435 x 489.5 x 291mm - 14.3kg
including ink

**Printer with Carton
(WxDxH)**
556 x 580.5 x 468mm - 18.7kg

Duty Cycle²⁰

Recommended Monthly
250 to 4,000 pages monthly
print volume

Environment

Power Requirement
AC 220-240 V, 50/60 Hz

Power Consumption¹³
Printing: 23.0W
Ready: 4.5W
Sleep: 0.7W
Networked Standby: 1.7W
Power Off: 0.03W

Sound Pressure¹²
Printing 54.5 dBA

Sound Power¹²
Printing 6.88BA (mono),
6.81BA (colour)

Auto Power Off
Complies with Ecolabel
standards; enters low-power
mode after 20 minutes (default,
adjustable via control panel)

TEC Value
0.11 kWh/Week

Operating Environment
Humidity 20 - 80%
Temp 10° - 35° Centigrade
50° - 95° Fahrenheit

Computer
Platforms

Windows
Windows 11 (Home | Pro |
Education | Enterprise)
Windows 10 (Home | Pro |
Education | Enterprise)
(32 or 64 bit editions)
Windows Server
2025, 2022, 2019, 2016

Macintosh⁴⁰
macOS 13 or greater

Linux
Supported Package
management System⁴²:
dpkg, rpm

ChromeOS™
Compatible with Chromebooks,
“Works with Chromebook”
certified printing support

Visit support.brother.com for the full support list. All trademarks, brand and product names are property
of their respective companies

Disk Space Requirements

80MB - Windows drivers only
2GB - Windows 11, 10,
applications including drivers
500MB - macOS applications
20MB - Linux drivers only

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Certification

Blue Angel

Nordic Swan

Wi-Fi CERTIFIED

Wi-Fi Direct, Wi-Fi Protected
Setup, WPA3™ - Enterprise,
Personal

Mopria Certified

Ensures universal compatibility
for driverless printing across
Windows, Android, and
compatible mobile operating
systems

AirPrint

1. Print Speeds based on ISO/IEC 24734. 2. FPOT (First Print Out Time) based on ISO/IEC 17629. 9. Approx declared ink yield value in accordance with ISO/IEC 24711. 11. Capacity calculated with 80gsm paper. 12. Sound pressure level in accordance with ISO 7779. 13. Power consumption is measured according to IEC 62301 Edition 2.0. 15. Windows & macOS only. 16. Windows only. 18. Requires an Internet connection. 19. Requires additional activation. 20. Duty Cycles 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. 33. Advanced settings via legacy driver or the Print Support App only. 34. Microsoft is transitioning towards driverless printing as the preferred standard. Legacy driver installations remain supported for customers with existing deployment requirements. 35. Free download from the Brother Solutions Centre <http://solutions.brother.com>. 36. Requires Brother Software. 37. The machine auto-powers on for print head maintenance, then shuts off. 38. May not be available in your region. 39. Third Party USB hubs not supported. 40. On macOS AirPrint only. 42. Red Hat Enterprise Linux 8.6 64bit, Red Hat Enterprise Linux 9.1 64bit, Fedora 39 64bit, Mageia 9 32bit, Mageia 9 64bit, openSUSE 15.5 64bit, SUSE Enterprise15-SP4 64bit, Debian 12.2.0 32bit, Debian 12.2.0 64bit, Ubuntu MATE 18.04 32bit, Ubuntu 22.04 64bit, Ubuntu 23.10 64bit, Linux Mint 21.2 64bit, Ubuntu 24.04 64bit. 43. Visit Brother Global Support for more information <http://www.youtube.com/@BrotherGlobalSupport>. 44. Figure based on Brother's internal analysis at the time of publication. 45. Wi-Fi Direct supports WPA2-PSK (AES) only.



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Working with you for a sustainable future

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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brother
at your side