

tonerbenefit



# Your Efficient All-in-One Mono Laser Printer

More toner - more prints - more savings

**MFC-B7800DN**



PRINT



SCAN



COPY



FAX

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

## Your Efficient All-in-One Mono Laser Printer

Work smarter at home or in the office with the easily connected Brother MFC-B7800DN, delivering fast flawless printing, automatic 2-sided print, quick scan speeds, fax capability, a generous paper tray and automatic document feeder capacity, plus a 3 year warranty.

This all-in-one mono laser printer is a great choice for higher volume printing with toner cartridges printing up to 2,000 pages<sup>7</sup>. The tonerbenefit MFC-B7800DN provides a lower total cost of ownership and does not compromise on quality.

### MFC-B7800DN



### Key features:

- Print up to 34 pages per minute
- 2-Sided print, up to 16 sides per minute
- Scan up to 22.5 images per minute<sup>3</sup>
- 2 Line LCD control panel
- Fast ethernet and USB
- 256MB Internal memory
- 50 Sheet Automatic Document Feeder (ADF)<sup>11</sup>
- 250 Sheet paper input tray<sup>11</sup>
- Comes with 2,000 page yield toner
- 2,000 maximum yield available<sup>7</sup>

### Work smarter

The MFC-B7800DN is designed to increase efficiency, with fast print speeds helping you to work smarter. The Automatic Document Feeder and 2-sided print feature save you time, enabling you to get on with other tasks. Scan your documents in colour or mono and send directly to your desktop or mobile device.

### Effortless

Make your day easier and your printing effortless, with simple set up and fast ethernet or USB connection. This efficient MFC-B7800DN is a breeze to operate using the easy to navigate control panel.

### The perfect partner

High quality print technology ensures that your output is flawless and professional every time. The expertly designed MFC-B7800DN has a high capacity paper input and output tray allowing you to print for longer, while the compact and quiet form enables you to work without interruption in smaller workspaces.

## Print longer

The MFC-B7800DN keeps your printing costs down with the high quality economical 2,000 pages<sup>7</sup> toner cartridge, supporting your higher print volume needs and reducing your cost per page and frequency to replace.

## 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. Our security experts continuously research new enhancements to products, solutions and services to proactively ensure all our products are 'secure by design'.

The MFC-B7800DN provides a range of robust features. It uses triple-layer security at a device, network and document level. This offers added peace of mind and guarantees that the integrity of your data is maintained at every step.

## Print from anywhere

With Brother Mobile Connect, you can fully operate your Brother printer from your fingertips. Print and scan documents on the move and order genuine Brother supplies straight to your door. You can also personalise your frequently used features and unlock a revolutionary way of printing from your mobile device. Download the app on your mobile device to get started.



## General

### Technology

Electrophotographic Laser

### Memory

256MB

### Control panel

2 Line LCD with keys

### Local Interface

Hi-Speed USB 2.0

### Wired Network

Fast Ethernet

### Carton Contents

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

## Print

### Print Speed (A4)

1-Sided: 34ppm Mono  
2-Sided: 16 sides  
per minute Mono

### FPOT (First Print Out Time)

Up to 8.5 Seconds Mono

### Quiet Mode

A mode to reduce the printing noise

### Resolution

Up to 1200 x 1200dpi

### Print Languages

PCL6, BR-Script3,  
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

### 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°

### Print Complete Notice

A printing notification can be  
set to go to your computer  
(Network only)

## 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  
(x86/x64 environment)

### ChromeOS

Supports native  
ChromeOS printing

### PCL Driver

Universal Printer Driver  
(Windows)  
(PCL5e/BRScript)

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

### Manual Feed Slot

1 Sheet

### Automatic Document Feeder (ADF)

50 Sheets

### Paper Output

120 Sheets A4

### Envelope Printing

Yes from manual feed slot

### Media Sizes Standard Tray

A4, Letter, B5(JIS), B5(ISO),  
A5, A5(Long Edge), B6(JIS),  
A6, Executive, A4 Short,  
16K(195x270mm)

### Manual Feed Slot

Width 76.2 to 215.9 mm,  
Length 127 to 355.6 mm  
Envelope; COM-10, DL, C5,  
Monarch

### ADF

Width: 105 to 216 mm  
Length: 147 to 356 mm

### Scanner Glass

Up to A4/LTR

### Auto 2-Sided

A4

### Media Type and Weights Standard Tray

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

### Manual Feed Slot

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

### ADF

Plain Paper, Recycled Paper  
60 to 105gsm

### Auto 2-Sided

Plain 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 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

## Copy

### Copy Speed (A4)

1-Sided: 34ppm Mono

### Resolution

Up to 600 x 600dpi

### FCOT

(First Copy Out Time)

Up to 10 Seconds Mono

### Grey Scale

256 shades of grey

## Copy Functions

### Multi-Copying/Stack/Sort

Makes up to 99 copies of each page / Stacks or 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

## Scan

### Scanner Type

CIS (Contact Image Sensor)

### Scan Resolution from ADF

600 x 600dpi

### Colour Depth

30 bit colour Processing (Input)  
24 bit colour Processing (Output)

### Colour and Mono Scanning

Yes

### Scan Resolution from Scanner Glass

1200 x 1200dpi

### Grey Scale

10 bit colour Processing (Input)  
8 bit colour Processing (Output)

### Scan Speed (A4)<sup>3</sup>

1-Sided: 22.5ipm Mono and  
7.5ipm Colour

### Interpolated Scan Resolution

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

## Scanner Functions

### Supported File Formats

Including PDF (PDF/A, Secure PDF, Signed PDF, Searchable<sup>17</sup>)  
JPEG, TIFF

### Network Scanning<sup>16</sup>

Scan to E-mail Server,  
Sharepoint (iPrint&Scan for Windows only)

### Scan To Microsoft Office

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

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

Scan to E-mail, OCR,  
Image, File

### Scan Features

Auto Deskew from ADF only  
(iPrint&Scan for Desktop)

## Scanner Drivers

### Windows

TWAIN and WIA  
Windows 11  
(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.

## Fax

### Fax Modem

33,600bps (Super G3)

### Grey Scale

256 shades (8 bit) of grey are available for faxing

### Out of Paper Reception

Up to 400 pages  
(ITU-T Test Chart, Standard Resolution, JBIG)

### Broadcasting

Send the same fax message up to 260 locations

### Memory Transmission

Up to 400 pages  
(ITU-T Test Chart, Standard Resolution, JBIG)

## Fax Functions

### Internet Fax (I-Fax)

Fax documents over the internet as an email attachment

### Fax to Server

Scan a document and send it over the network to a separate fax server

### Automatic Redial

Automatic redialling if the recipient fax is busy

### Telephone Index

An electronic, alphabetical listing of stored speed dials and group numbers

### Chain Dialling

Allows the user to store parts for long dialling sequences in different speed dial locations

### Fax Forwarding

Sends a fax received in memory to another pre-programmed fax number

### Remote Retrieval

Allows users to remotely access their machine and retrieve stored fax messages

### Fax Stamp

Add the date and time to all received faxes

### Cover Page

Create custom cover pages for outgoing faxes

### Station ID

An ID and fax number will be printed as the header of every fax sent

### PC-Fax Send<sup>15,18</sup> and Receive<sup>16,18</sup>

Send and Receive faxes directly from your PC. Supports mono only

### Error Correction Mode (ECM)

Detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)

### Auto Reduction

When receiving a single page document longer than A4 (297mm) the fax machine will automatically reduce the message to fit onto a single A4 sheet

## Fleet Management Tools

### 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

### 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 Windows/Mac



## Connectivity

### Wired Network

Fast Ethernet  
(10Base-T/100Base-TX)

### Mobile

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

### Local Interface

Hi-Speed USB 2.0

## Security Features

### Wired Network Security

APOP\*, SMTP-AUTH, SSL/TLS (SMTP, POP3, IMAP4)\*, SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), OAuth(SMTP, POP3, IMAP4) \*When Internet FAX is downloaded.

### 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/IPPSS, FTP Client and Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNMP Client

### IPv6

NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPSS, POP3, SMTP Client, FTP Client and Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, Web Services (Print/Scan), SNMP Client, IMAP4

### 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

### 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

### Digitally-signed Firmware

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

### 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



## Supplies and Consumables

**Inbox Toner<sup>7</sup>**  
1 x 2,000 pages (BK)

**Standard Yield Toner<sup>7</sup>**  
TNB023 - 2,000 pages

**Drum Unit**  
DR B023 Approx 12,000 pages  
at 1 pages per job

## Address Book

**Speed Dials<sup>17</sup>**  
200 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

## Dimensions and Weights

**With Carton (WxDxH)**  
580 x 517 x 434mm - 14.50kg

**Without Carton (WxDxH)**  
410 x 399 x 319mm - 12.00kg

## Duty Cycle

**Recommended Monthly**  
Up to 2,500 pages

## Operating Environment

**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: 490W  
Copying in quiet mode: 280W  
Printing: 470W  
Printing in quiet mode: 270W  
Ready: 43W  
Sleep: 4.1W  
Deep Sleep: 0.6W  
Power Off: 0.08W

**TEC Value**  
0.39 kWh/week

**Sound Power<sup>12</sup>**  
Printing: 6.63B(A)  
Ready: Inaudible  
Quiet Mode: 6.12B(A)  
Deep Sleep: Inaudible

**Sound Pressure<sup>12</sup>**  
PC Printing (Mono):  
Approx. 49.0dB(A)  
Ready: 30.0db(A)  
Quiet Mode: 44.0db(A)

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

- 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
- 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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