



# tonerbenefit

More toner, more prints, more savings



## Compact 4-in-1 mono laser printer

MFC-B7710DN



PRINT



COPY



SCAN



FAX

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

# Compact 4-in-1 mono laser printer

The feature rich MFC-B7710DN is designed for the busy home and small office, requiring multifunction capabilities. This quiet, desktop friendly device, provides fast print speeds of up to 34ppm, and built-in wired and connectivity. With toner's printing up to 2,000 pages<sup>1</sup>, this model is a great choice for high volume\* printing.

## MFC-B7710DN



### Key Features:

- Fast print speeds of up to 34 pages per minute
- Automatic 2-sided print
- 250 sheet paper input
- 50 sheet Auto Document Feeder
- Built in wired connectivity
- Up to 2,000 page<sup>1</sup> toner
- 128MB memory

### Performance designed for businesses of tomorrow

Duplicating, digitising and sharing documents has never been easier. The MFC-B7710DN, offers true network capabilities, with wired connectivity. Documents can be scanned and shared directly to a network folder, making it easy to share and archive.

### Maximum value for money

Printing up to 2,000 pages<sup>1</sup>, this exclusive tonerbenefit model, enables you to print high volumes\*, with the longer lasting toner, reducing the cost of every page you print. Together with a host of feature rich functionality, ensures that your print outs are professional and cost effective.

### Quiet without compromise

Print quietly without comprising on speed or quality, operating at the lowest decibel in class (under 50dB). All the models throughout the range are designed to sit on your desk, printing quietly at full speed while you work without interruption.

### Designed to go the distance

Built to perform for longer. The MFC-B7710DN, has been designed with you in mind. Made from robust and hardwearing materials and supported by outstanding service as standard, providing the peace of mind that your printer will keep on going.

  
**tonerbenefit**  
More toner, more prints, more savings

<sup>1</sup> Approx declared yield value in accordance with ISO/IEC 19752  
\* 500-1500 prints per month

## General

### Technology

Electrophotographic  
Laser Printer

### Laser Classification

Class 1 Laser Product  
(IEC60825-1:2014)

### Processor

600MHz

### Memory

128MB

### Wired Network Interface

10Base-T/100Base-TX

### Control Panel

2 Line, 16 character  
LCD Display

### Local Interface

Hi-Speed USB 2.0

## Print

### Print Speed Standard (A4)

Up to 34ppm  
(pages per minute)

### Print Speed 2-Sided (A4)

Up to 16 sides per minute  
(8 sheets per minute)

### Resolution

Up to 1,200 x 1,200 dpi

### Quiet Mode

A mode to reduce the printing  
noise by reducing the print  
speed to 13ppm

### Automatic 2-Sided Printing

Print on to both sides of the  
paper

### FPOT (First Print Out Time)

Less than 8.5 seconds from  
ready mode

### Warm Up Time

Less than 9 seconds from sleep  
mode

### Print Languages

PCL6, BR-Script3  
(PostScript®3™ Language  
Emulation), PDF version 1.7

### Embedded Fonts (PCL)

73 scalable fonts, 12 bitmap  
fonts, 16 barcodes

### Embedded Fonts (Postscript)

66 scalable fonts

### Embedded Barcodes (PCL)

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

## Printer Functions

### N-up Printing<sup>3</sup>

Reduce up to 2, 4, 9, 16  
or 25 A4 pages into just  
one A4 page  
(Mac, up to 2, 4, 6, 9, or 16)

### Poster Printing<sup>4</sup>

Enlarge 1 A4 page into a poster  
using 4, 9, 16 or 25 A4 pages

### Watermark Printing<sup>4</sup>

Watermark your documents  
with predefined text or with your  
own user-defined messages

### ID Printing<sup>4</sup>

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

### Manual 2-Sided Print<sup>4</sup>

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

### Booklet Printing<sup>4</sup>

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

### Print Profiles<sup>3</sup>

Store your favourite driver  
settings as profiles to easily  
recall them

### Print Text In Black<sup>4</sup>

Converts all text in your  
documents to black when  
printed

### Print Archive<sup>4</sup>

An electronic carbon copy  
feature that saves an electronic  
copy of all printed documents  
as a PDF file

## Printer Driver

### Windows®

Windows® 10  
(32 & 64 bit editions)  
Windows® 8.1  
(32 & 64 bit editions)  
Windows® 8  
(32 & 64 bit editions)  
Windows® 7  
(32 & 64 bit editions)

### Macintosh<sup>5</sup>

macOS v10.10.5, 10.11.x,  
10.12.x, 10.13.x, 10.14.x,  
10.15.x

### Linux<sup>5</sup>

CUPS, LPD/LPRng  
(32 & 64 bit editions)

### PostScript Universal Printer Driver

Driver for Windows® that  
enables you to print to any  
network or locally-connected  
Brother laser printer that  
supports PostScript

### PCL Driver

Generic PCL XL driver

\*\* Windows® Server supports network printing only

1 Approx declared yield value in accordance with ISO/IEC 19752.

2 Calculated with 80g/m<sup>2</sup> paper.

3 Windows® & Mac® only.

4 Windows® only.

5 Optional download.

6 Maximum number of printed pages per month 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.

7 Requires Brother Software.

8 Must be web connected.

All specifications correct at the time of  
printing and are subject to change.

Brother is a registered trademark of Brother  
Industries Ltd. Brand product names are  
registered trademarks or trademarks of their  
respective companies.

## Standard Paper Handling

### Paper Input<sup>2</sup>

Standard Tray - 250 sheets  
Manual feed slot - 1 sheet

### Automatic Document Feeder (ADF) – 50 Sheets

### Paper Output<sup>2</sup>

Face Down - 120 sheets  
Face Up  
(Straight Paper Path) - 1 sheet

## Media Specification

### Media Types & Weights Standard

Plain & recycled paper  
(between 60 - 163g/m<sup>2</sup>)

### Manual feed slot

Plain, Recycled, Bond,  
Label, Envelope,  
(between 60 - 230g/m<sup>2</sup>)

### 2-sided Print

Plain & recycled paper  
(between 60 - 105g/m<sup>2</sup>)

### Automatic Document Feeder

(ADF) Plain & recycled paper  
(between 60 - 105g/m<sup>2</sup>)

### Envelope & Label Printing

Yes, from the Manual feed slot:  
support for 1 envelope / sheet

### Media Sizes

#### Standard Tray

A4, Letter, A5, A5 (Long Edge),  
A6, Executive

#### Manual feed slot

Width: 76.2mm to 215.9mm x  
Length: 127mm to 355.6mm

#### 2-sided Print

A4

## Mobile / Web Based Printing & Scanning

### Brother Print&Scan (Windows<sup>®</sup> 8,10 & RT)

Print from and scan to a  
Windows<sup>®</sup> 8,10 or Windows  
RT Tablet

## Copy

### Speed - (A4)

Up to 34cpm  
(copies per minute)

### FCOT (First Copy Time Out)

Less than 10 seconds from  
ready mode

### Resolution

Up to 600 x 600dpi

### 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

### 2in1 ID Copying

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

### Grey Scale

256 shades of grey (8 bit)

### Receipt Copying

Produces clearer copies of  
receipts

### Enlarge Text Copy<sup>8</sup>

Makes reading copied  
documents easier if the size of  
the text on the original  
document is small

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## Scan

### Scanner Type

CIS (Contact Image Sensor)

### Colour & Mono Scanning

Yes

### Scan Speed Mono

23.6ipm (images per minute)

### Scan Speed Colour

7.5ipm (images per minute)

### Scan Resolution from ADF

Up to 600 x 600dpi

### Scan Resolution from Scanner Glass

Up to 1,200 x 1,200dpi

### Interpolated Scan

#### Resolution

Up to 19,200 x 19,200dpi

#### Colour Depth

16,777,216 colour variations (24 bit)

#### Grey Scale

256 shades of grey (8 bit)

#### Standard Functions<sup>8</sup>

Scan to E-mail, OCR, Image, File

#### Scan Features

Remove Background, Skip Blank Page<sup>4</sup>, ID Scan<sup>4</sup>, 1 to 2 Scan<sup>4</sup>, Split PDF

### Scan to Searchable PDF

Scan documents to searchable PDF files

### Scan to SharePoint<sup>4&8</sup>

Scan documents directly into SharePoint

### Windows<sup>®</sup> Web Services Scanning

Scan direct into Windows<sup>®</sup> (from Windows<sup>®</sup> 7 & onwards) without needing to install a scanner driver

## Scanner Driver

### Windows<sup>®</sup>

TWAIN & WIA  
Windows<sup>®</sup> 10 (32 & 64 bit editions)  
Windows<sup>®</sup> 8.1 (32 & 64 bit editions)  
Windows<sup>®</sup> 8 (32 & 64 bit editions)

### Macintosh<sup>5</sup>

TWAIN & AirPrint  
macOS 10.8.x or greater

### Linux<sup>5</sup>

SANE(32 & 64 bit editions)

## Fleet Management Tools

### Unattended Installer<sup>4</sup>

Ability to centrally deploy and customise our drivers and software

### MSI Installer<sup>4</sup>

Modular installers that can be distributed through Active Directory<sup>®</sup>

### BRAdmin Light<sup>4&5</sup>

LAN/WAN management software

### Embedded Web Server

Web based print management software embedded onto the device

### Driver Deployment Wizard<sup>4</sup>

Easily create print drivers for hassle free deployment over your network

## PrintSmart Solutions (optional)

### PrintSmart Cost Control

Monitor and control printing costs for all Brother and 3rd party devices

For more information on PrintSmart Solutions visit: [www.brother.eu](http://www.brother.eu)

## Address Book

### Speed Dials

200 locations for E-mail addresses and fax numbers

### Group Dial

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

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## Network and Security

### Wired Network

Built in Ethernet  
10Base-T/100Base-TX

### Wired Network Security

SMTP-AUTH, SNMP v3,SSL/  
TLS(SMTP,HTTP,IPP)

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

### IPv6

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

### IP Filter

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

### Setting Lock

Secures access to the devices  
control panel by locking it

## Supplies

### Inbox Toner

2,000 pages<sup>1</sup>

### Standard Yield Toner

2,000 pages<sup>1</sup> (TN-B023)

### Drum (DR-B023)

Approx 12,000 pages

### Carton Contents

Toner cartridge, drum, power  
supply cord, driver software  
for Windows®, Quick Set-Up  
Guide (PC interface cable  
NOT included)

The frequency of replacement  
consumables will vary  
depending on the complexity  
of the prints, the percentage of  
coverage, paper size, page per  
job, and the type of media.

## Dimensions and Weights

### Without Carton (WxDxH)

410 x 398.5 x 318.5 mm - 12kg

### With Carton (WxDxH)

580 x 517 x 434 mm - 15.1kg

## Duty Cycles

### Recommended Monthly

Up to 2,000 pages monthly  
print volume

### Maximum Monthly<sup>6</sup>

Up to 15,000 pages monthly  
print volume

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<sup>4</sup> Windows® only.

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## Environment

### Power Consumption

Printing - 475W (260W in quiet mode),  
Ready - 42W,  
Sleep - 6.2W,  
Deep sleep - 0.9W,  
Off - 0.03W

### TEC Value

1.412kWh / Week

### Sound Pressure Level

Printing  
49dbA,  
Quiet mode printing  
44dbA,  
Ready  
Up to 30dbA

### Power Saving

This enables the printer to consume less energy when not in use

### Toner Saving

This reduces the toner usage and helps to reduce the total cost of printer ownership

### Eco Mode

Yes

## Fax

### Fax Modem

33,600bps (Super G3)

### PC Fax Send<sup>9&3</sup>

Send faxes directly from your PC

### PC Fax Receive<sup>9&4</sup>

Receive faxes directly to your PC

### 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

### Distinctive Ring Detection (UK & Denmark only)

An external service that allows two or more telephone numbers shared on a single fixed line and use different ring tones

### Speaker / Ring Volume

3 levels and off

### Fax / Tel Switch

Automatic recognition of fax and telephone reception

### Super Fine

Enables quality transmission of very small print and line drawings

### Contrast

Auto / light / dark

### Enhanced Remote Activate

Transfer a fax call, answered on an extension phone, to the fax machine

### Delayed Timer

Up to 50

### Quick-Scan

Approximately 2.5 seconds per page A4 standard resolution

### Memory Transmission

Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)

### Out of Paper Reception

Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)

### Dual Access

Send the same fax message to up to 250 separate locations (manual 50 locations)

### Broadcasting

Send the same fax message up to 258 locations

### 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

### ECM

#### (Error Correction Mode)

The MFC will 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)

### Fax Forwarding

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

### Remote Access

Allows users to remotely access their machine

### Fax Retrieval

Allows remote access to faxes stored in the machine

### Remote Maintenance

Allows users to maintain their MFC remotely

### Remote Set-Up<sup>3</sup>

Allows users to set-up the MFC from their PC

### Grey Scale

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

### Fax Stamp

Add the date and time to all received faxes

### Cover Page

Create custom cover pages for outgoing faxes

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**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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