# Brother MFC-L6970DW multifunction printer Laser A4 1200 x 1200 DPI 50 ppm Wi-Fi

**Brand :** Brother

**Product name :** MFC-L6970DW

**Product code:** MFC-L6970DW

4.85" TFT LCD, 1200DPI, 1 GB, 10/100/1000 LAN, Wi-Fi 4 (802.11b/g/n), NFC, USB 2.0, 33.6 Kbps, 805W Brother MFC-L6970DW. Print technology: Laser, Printing: Mono printing, Maximum resolution: 1200 x 1200 DPI. Copying: Mono copying, Maximum copy resolution: 1200 x 600 DPI. Scanning: Mono scanning, Optical scanning resolution: 19200 x 19200 DPI. Faxing: Mono faxing. Maximum ISO A-series paper size: A4. Wi-Fi. Direct printing. Product colour: Grey

## Printing

| | |
|---|---|
| Duplex printing mode | Auto/Manual |
| Print technology * | Laser |
| Printing * | Mono printing |
| Duplex printing * | ✔ |
| Maximum resolution * | 1200 x 1200 DPI |
| Print speed (black, normal quality, A4/US Letter) * | 50 ppm |
| Print speed (black, normal quality, quiet mode, A4/US Letter) | 25 ppm |
| Duplex print speed (ISO/IEC 24734) mono | 24 ipm |
| Time to first page (black, normal) | 7.5 s |
| N-in-1 print function | ✔ |
| Skip blank page function | ✔ |
| Watermark printing | ✔ |
| Secure printing | ✔ |
| Booklet printing function | ✔ |
| Poster printing function | ✔ |
| ID printing function | ✔ |

## Copying

| | |
|---|---|
| Duplex copying * | ✔ |
| Copying * | Mono copying |
| Maximum copy resolution * | 1200 x 600 DPI |
| Copy speed (black, normal quality, A4) | 50 cpm |
| Time to first copy (black, normal) | 9.5 s |
| N-in-1 copy function | ✔ |
| N-in-1 copy function (N=) | 2, 4 |

## Scanning

| | |
|---|---|
| Duplex scanning * | ✔ |
| Scanning * | Mono scanning |
| Optical scanning resolution * | 19200 x 19200 DPI |
| Scan technology | CIS |
| Scan to | E-mail, File, OCR, USB |
| Scan drivers | ICA, ISIS, SANE, TWAIN, WIA |

## Ports & interfaces

| | |
|---|---|
| USB connector | USB Type-A |

## Network

| | |
|---|---|
| Wi-Fi * | ✔ |
| Ethernet LAN * | ✔ |
| Cabling technology | 10/100/1000Base-T(X) |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Wi-Fi standards | 802.11b, 802.11g, Wi-Fi 4 (802.11n) |
| Near Field Communication (NFC) | ✔ |
| Security algorithms | 64-bit WEP, 128-bit AES, 802.1x RADIUS, AES, APOP, EAP-FAST, EAP-MD5, EAP-TLS, EAP-TTLS, HTTPS, IPPS, IPSec, LEAP, PEAP, SMTP-AUTH, SNMP, SSL/TLS, TKIP, WPA-PSK, WPA2-PSK |
| Supported network protocols (IPv4) | ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Re-solver, mDNS, LLMNR, LPR/LPD, Custom Raw Port/Port9100, POP3, client SMTP, IPP/IPPS, client/server FTP, client CIFS, server TELNET, SNMPv1/v2c/v3, server HTTP/HTTPS, client/server TFTP, ICMP, client SNTP, LDAP, IMAP4 |
| Supported network protocols (IPv6) | NDP, RA, DNS, mDNS, LLMNR, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, client SMTP, client/server FTP, client CIFS, server TELNET, SNMPv1/v2c, server HTTP/HTTPS, client/server TFTP, ICMPv6, client SNTP, LDAP, IMAP4 |
| Wi-Fi Protected Setup (WPS) | ✔ |
| Online services supported | Box, Dropbox, Evernote, Facebook, Flickr, Google Drive, OneDrive, OneNote, Picasa |
| Mobile printing technologies | Apple AirPrint, Brother iPrint & Scan, Google Cloud Print, Mopria Print Service |

## Performance

| | |
|---|---|
| Card reader integrated | ✘ |
| Internal memory * | 1000 MB |
| Built-in processor | ✔ |
| Processor family | ARM Cortex-A9 |

## Fax

| | |
|---|---|
| Duplex faxing | ✔ |
| Faxing * | Mono faxing |
| Modem speed | 33.6 Kbit/s |
| Speed dialling | ✔ |
| Fax speed dialing (max numbers) | 300 |

## Features

| | |
|---|---|
| Maximum duty cycle * | 150000 pages per month |
| Number of print cartridges * | 1 |
| Page description languages | BR-Script 3, Epson FX, IBM ProPrinter, PCL 6, PDF 1.7, XPS |

## Input & output capacity

| | |
|---|---|
| Total input capacity * | 520 sheets |
| Total output capacity * | 250 sheets |
| Multi-Purpose tray | ✔ |
| Multi-Purpose tray input capacity | 50 sheets |
| Auto document feeder (ADF) | ✔ |
| Auto document feeder (ADF) input capacity | 80 sheets |

## Paper handling

| | |
|---|---|
| Maximum ISO A-series paper size * | A4 |
| Paper tray media types * | Art paper, Letterhead, Plain paper, Recycled paper |
| Multi-purpose tray media types | Letterhead, Plain paper, Recycled paper |
| ISO A-series sizes (A0...A9) * | A4, A5, A6 |
| Paper tray media weight | 60 - 120 g/m² |
| Multi-Purpose Tray media weight | 60 - 200 g/m² |
| Auto Document Feeder (ADF) media weight | 64 - 90 g/m² |
| Duplex media weight | 60 - 105 g/m² |

## Ports & interfaces

| | |
|---|---|
| Standard interfaces | Ethernet, USB 2.0, Wireless LAN |
| Direct printing * | ✔ |
| USB port | ✔ |

## Performance

| | |
|---|---|
| Processor frequency | 800 MHz |
| Sound pressure level (copying) | 57 dB |
| Sound pressure level (quiet mode) | 53 dB |

## Design

| | |
|---|---|
| Product colour * | Grey |
| Built-in display * | ✔ |
| Display | LCD |
| Display diagonal | 12.3 cm (4.85") |
| Touchscreen | ✔ |
| Control type | Touch |
| Colour display | ✔ |

## Power

| | |
|---|---|
| Power consumption (copying) | 805 W |
| Power consumption (ready) | 34 W |
| Power consumption (sleep) | 8 W |
| Power consumption (off) | 0.04 W |
| Energy Star Typical Electricity Consumption (TEC) | 2.493 kWh/week |

## System requirements

| | |
|---|---|
| Windows operating systems supported | Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64, Windows 7, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 7 x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64, Windows Vista, Windows Vista Business, Windows Vista Business x64, Windows Vista Enterprise, Windows Vista Enterprise x64, Windows Vista Home Basic, Windows Vista Home Basic x64, Windows Vista Home Premium, Windows Vista Home Premium x64, Windows Vista Ultimate, Windows Vista Ultimate x64, Windows Vista x64, Windows XP, Windows XP Home, Windows XP Home x64, Windows XP Professional, Windows XP Professional x64 |
| Mac operating systems supported | Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks |
| Linux operating systems supported | ✔ |
| Server operating systems supported | Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2 |

## Certificates

| | |
|---|---|
| Certification | GS |

## Sustainability

| | |
|---|---|
| Sustainability certificates | Nordic Swan Ecolabel, Blue Angel, ENERGY STAR |

## Weight & dimensions

| | |
|---|---|
| Width | 495 mm |
| Depth | 427 mm |
| Height | 518 mm |
| Weight | 19 kg |

## Packaging data

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|---|---|
| Package width | 599 mm |
| Package depth | 526 mm |
| Package height | 762 mm |
| Package weight | 23.8 kg |

## Packaging content

| | |
|---|---|
| Cartridge(s) included | ✔ |
| Included cartridge capacity (black) | 20000 pages |
| Cables included | Phone |
| Drivers included | ✔ |
| Power cord included | ✔ |
| Quick installation guide | ✔ |

## Other features

| | |
|---|---|
| Software CD | ✔ |

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