



Lexmark MS823dn

The Lexmark MS823dn features a first page in just 4.2 seconds, output of up to 65 [61] pages per minute* and two-sided printing.

Part Number

50G0246

Print Technology

Monochrome Laser

Workgroup Size

Large Workgroup

Touch Screen Display

No

Display

2.4-inch (60 mm) Color LCD display

Print Speed (A4, Black)

Up to 61 ppm⁶

Print Speed (A4, Black) Duplex

Up to 37 spm⁶

Time to First Page (Black)

As fast as 4.2 seconds

Duplex (2-sided) Printing

Integrated Duplex

Print Resolution, Black

1200 IQ (1200 x 600 dpi), 1200 x 1200 dpi, 2400 IQ (2400 x 600 dpi), 300 x 300 dpi, 600 x 600 dpi

Processor Speed

Dual Core, 1.0 GHz

Memory, Standard

512 MB

Memory, Maximum

4608 MB

Hard Disk

Option available

Apple Operating Systems Supported

Apple OS X (10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13)

Citrix MetaFrame

Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 4.0, Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 3.0, 4.0, Microsoft Windows Server 2012 with Citrix XenApp 6.0, 6.5

Linux Operating Systems Supported

Debian GNU/Linux 7.0, 8.0, SUSE Linux Enterprise Server 10, 11, 12, openSUSE Linux 13.2, Ubuntu 16.04 LTS, Fedora 23, 24, Red Hat Enterprise Linux WS 6, 7, openSUSE Linux 42.3

Microsoft Windows Operating Systems Supported

Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows 8.1, Windows 8.1 x64, Windows 10

Novell Operating Systems Supported

Novell NetWare 6.5 Open Enterprise Server, Novell NetWare 5.1(SP 6+), 6.0(SP 3+) with Novell Distributed Print Services (NDPS), Novell Open Enterprise Server on SUSE Linux Enterprise Server, Novell Open Enterprise Server 2 on SUSE Linux Enterprise Server 10 SP4, Novell Open Enterprise Server 11 on SUSE Linux Enterprise Server 11, Novell Open Enterprise Server 2 SP2 on SuSE Linux Enterprise Server 10 SP3 3

UNIX Operating Systems Supported

Sun Solaris x86 10, 11, Sun Solaris SPARC 10, 11, IBM AIX 6.1, 7.1

Included Paper Handling

550-Sheet Input, 100-Sheet Multipurpose Feeder, 550-Sheet Output Bin, Integrated Duplex

Optional Paper Handling

250-Sheet Tray, 550-Sheet Tray, 2100-Sheet Tray, 250-Sheet Lockable Tray, 550-Sheet Lockable Tray, 4-Bin Mailbox, Staple Finisher, Staple Punch Finisher, High Capacity Output Expander, Output Expander

Paper Input Capacity, Standard

Up to 650 pages 75 gsm bond

Paper Input Capacity, Maximum

Up to 4400 pages 75 gsm bond

Paper Output Capacity, Standard

Up to 550 pages 75 gsm bond

Paper Output Capacity, Maximum

Up to 2550 pages 75 gsm bond

Paper Weight Range Supported - Standard Tray (gsm)

60 - 176 gsm

Integrated Tray Card Stock Upper limit (grain short)

Cover - 176 gsm (65 lb), Index Bristol - 199 gsm (110 lb), Tag - 203 gsm (125 lb)

Finishing Option

Yes

Number of Paper Inputs, Standard

2

Number of Paper Inputs, Maximum

6

Media Types Supported

Card Stock, Dual Web Labels, Envelopes, Integrated Labels, Paper Labels, Plain Paper, Transparencies, Refer to the Paper & Specialty Media Guide

Media Sizes Supported

10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C5 Envelope, DL Envelope, Executive, Folio, JIS-B5, Legal, Letter, Statement, Universal, Oficio, A6

Caster Base

Optional

Standard Ports

One Internal Card Slot, USB 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A)

Optional Local Ports

Internal RS-232C serial, Internal 1284-B Bidirectional Parallel

Optional Network Ports

Marknet N8370 WiFi Option, MarkNet N8230 Fiber Ethernet Print Server

Direct USB

Yes

Ethernet Network

Yes

Network Protocol Support

TCP/IP IPv4, TCP/IP IPv6, TCP, UDP

Network Printing Methods

LPR/LPD, Direct IP (Port 9100), Enhanced IP (Port 9400), FTP, TFTP, ThinPrint .print integration, Telnet, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol)

Network Management Protocols¹

HTTP, HTTPS (SSL/TLS), SNMPv1, SNMPv2c, SNMPv3, WINS, IGMP, BOOTP, RARP, APIPA (AutoIP), DHCP, ICMP, DNS, Bonjour, DDNS, mDNS, ARP, NTP, Telnet, Finger,

Network Security

SNMPv3, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS, IPSec

Printable Area (metric)

4.2 mm of the top, bottom, right and left edges (within)

Printer Languages (Standard)

PCL 5e Emulation, PCL 6 Emulation, Personal Printer Data Stream (PPDS), PostScript 3 Emulation, Direct Image, Microsoft XPS (XML Paper Specification), AirPrint™, PDF 1.7 emulation

Fonts and Symbol Sets

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 158 scalable PostScript fonts, 2 PCL bitmap fonts, 39 scalable PPDS fonts, 5 PPDS bitmap fonts, 84 scalable PCL fonts, OCR-A, OCR-B scalable PCL 5e fonts, For more information, refer to the Technical Reference.

Laser Cartridge Yields (up to)⁵

7,500-page Cartridge, 15,000-page High Yield Cartridge, 35,000-page Extra High Yield Cartridge, , 55,000-page Ultra High Yield Cartridge

Imaging Unit Estimated Yield

Up to 150000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage⁴

Cartridge(s) Shipping with Product

11,000-page Return Program Toner Cartridge

Replacement Cartridges:

Product functions only with replacement cartridges designed for use in a specific geographical region. See www.lexmark.com/ regions for more details.

Packaged Size (mm - H x W x D)

565 x 550 x 650 mm

Packaged Weight, kg

29.9 kg

Size (mm - H x W x D)

445 x 428 x 510 mm

Weight

25.4 kg

Noise Level, Idle

14 dBA

Noise Level (Print), Operating

58 dBA

Duplex Print Noise Level, Operating

57 dBA

Quiet Mode

54 dBA

ENERGY STAR

Yes

Average Power (Hibernate Mode)

0.2 watts

Average Power (Sleep Mode)

1.6 watts

Average Power (Ready Mode)

34 watts

Average Power (Printing)

800 watts

Average Power while Printing Duplex

570 watts

ENERGY STAR Typical Electricity Consumption (TEC)

0.90 kilowatt-hours per week

Product Warranty

1-Year Onsite Service, Next Business Day

Product Certifications

ENERGY STAR, Blue Angel RAL-UZ 205, ICES-003 Class A, BSMI Class A, VCCI Class A, US FDA, UL 60950-1, FCC Class A, cUL CAN/CSA-C22.2 60950-1, NOM, CB EN/IEC 60950-1, CB EN/IEC 60825-1, CE DoC (EN 62301 Class A, EN 62311, CE EN/IEC 60950-1, CE EN/IEC 60825-1, EN 61000-3, EN 55022 Class A, EuP, EN 55024, UL), EFTA (CE), KCC, CCC, CECP, CEL, C-tick DoC, UL-AR, KC mark, UL GS mark, EC 1275, MET-I, ISO 532B, ECMA-370, TED, GOST-R, SII, TER, China Green Product (CGP)

Maximum Monthly Duty Cycle

Up to 300000 pages per month³

Recommended Monthly Page Volume

5000 - 75000 pages²

Specified Operating Environment

Humidity: 8 to 80% Relative Humidity, Temperature: 10 to 32°C (50 to 90°F), Altitude: 0 - 2896 metres

License/Agreement Terms

Printers are sold subject to certain license/ agreement conditions. See www.lexmark.com/ printerlicense for details.

Country of Origin

China (PRC)

UNSPSC Code

43212105

¹This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)

²"Recommended Monthly Page Volume" is a range of pages that helps customers evaluate Lexmark's product offerings based on the average number of pages customers plan to print on the device each month. Lexmark recommends that the number of pages per month be within the stated range for optimum device performance, based on factors including: supplies replacement intervals, paper loading intervals, speed, and typical customer usage.

³"Maximum Monthly Duty Cycle" is defined as the maximum number of pages a device could deliver in a month using a multishift operation. This metric provides a comparison of robustness in relation to other Lexmark printers and MFPs.

⁴Actual Yield may vary based on other factors such as device speed, paper size and feed orientation, toner coverage, tray source, percentage of black-only printing and average print job complexity.

⁵Average standard page yield value declared in accordance with ISO/IEC 19752.

⁶Print and copy speeds measured in accordance with ISO/IEC 24734 and ISO/IEC 24735 respectively (ESAT). For more information see: www.lexmark.com/ISOspeeds.



Callout	Availability	Description
1	Standard	2.4-inch (6-cm) LCD
10	Optional	4-Bin Mailbox
11	Optional	High Capacity Output Expander
12	Optional	250-Sheet Tray
13	Optional	550-Sheet Lockable Tray
14	Optional	250-Sheet Lockable Tray
15	Optional	Swivel Cabinet
16	Optional	Adjustable Stand
17	Optional	Spacer
18	Optional	
19	Optional	
2	Standard	100-Sheet Multipurpose Feeder
3	Standard	550-Sheet Tray
4	Optional	250-Sheet Tray / 550-Sheet Tray
5	Optional	2,100-Sheet Tray
6	Optional	Caster Base
7	Optional	Staple Punch Finisher
8	Optional	Staple Finisher

P/N	Toner Cartridges	P/N	Extended Warranties
58D0UA0	Lexmark 58D0UA0 Black Ultra High Yield Toner Cartridge	2364864	MS823 2-Year Onsite Service Renewal
58D3000	Lexmark 58D3000 Black Return Programme Toner Cartridge	2364865	MS823 3-Year Onsite Service Renewal
58D3H00	Lexmark 58D3H00 Black High Yield Return Programme Toner Cartridge	2364866	MS823 4-Year Onsite Service Renewal
58D3X00	Lexmark 58D3X00 Black Extra High Yield Return Programme Toner Cartridge	P/N	User Replaceable Parts
58D3U00	Lexmark 58D3U00 Black Ultra High Yield Return Programme Toner Cartridge	41X0358	ADF Media Pick Roller
58D0Z00	Lexmark 58D0Z00 Black Return Programme Imaging Unit		
58D0ZA0	Lexmark 58D0ZA0 Black Imaging Unit		
25A0013	Staple Cartridges (3 pack)		

P/N	Paper Handling
50G0800	250-Sheet Tray
50G0801	250-Sheet Tray
50G0820	250-Sheet Lockable Tray
50G0802	550-Sheet Tray
50G0803	550-Sheet Tray Insert
50G0822	550-Sheet Lockable Tray
50G0804	2,100-Sheet Tray
50G0849	Staple, Hole Punch Finisher
50G0850	Staple Finisher
50G0851	Output Expander
50G0852	4-Bin Mailbox
50G0853	High Capacity Output Expander
50G0854	4.3 in. (11 cm) Spacer

P/N	Furniture
40C2300	Adjustable Stand
50G0855	Caster Base
3073173	Swivel Cabinet

P/N	Memory Options
57X9801	256MB Flash Memory Card
27X0500	500+ GB Hard Disk
57X0204	4GBx32 DDR3-DRAM

P/N	Application Solutions
40C9201	Card for IPDS
40C9200	Forms and Bar Code Card
40C9202	Card for PRESCRIBE Emulation

P/N	Connectivity
27X0142	Lexmark MarkNet™ N8230 Fiber Ethernet Print Server
27X6410	Lexmark MarkNet N8372 802.11 a/b/g/n/ac Wireless Print Server
27X6510	MarkNet N8370 802.11 a/b/g/n/ac Wireless Print Server
1021231	Parallel (10') Cable
1021294	USB (2 Meter) Cable
14F0100	RS-232C Serial Interface Card
14F0000	Parallel 1284-B Interface Card
SPD0002	Surge Protective Device, 220-240V

P/N	Extended Warranties
2363373	MS823 2-Years Total (1+1) Onsite Service
2363374	MS823 3-Years Total (1+2) Onsite Service
2363375	MS823 4-Years Total (1+3) Onsite Service
2363376	MS823 5-Years Total (1+4) Onsite Service
2363377	MS823 1-Year Onsite Service Renewal
2363378	MS823 1-Year Post Wty Onsite Repair NBD Warranty
2364863	MS823 6-Years Total (1+5) Onsite Service
2367152	MS823 7-Years Total (1+6) Onsite Service