



Lexmark MS823dn

Part Number

50G0220

Print Technology

Black & White Laser Printer

Workgroup Size

Large Workgroup

Touch Screen Display

No

Display

2.4-inch (60 mm) Colour 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 Connectivity

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, 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 Programme 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 mode)

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 Guarantee

1-Year Onsite Repair, 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 (9,500 Feet)

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	6 cm (2.4-inch) 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	Connectivity
58D0UA0	Lexmark MS823, 825, MX822, MS/MX725, 826 55K Toner Cartridge	27X6510	MarkNet N8370 802.11 a/b/g/n/ac Wireless Print Server
58D2000	Lexmark MS821, 823, 825, MS/MX725, 822, 826 Return Programme 7.5K Toner Cartridge	1021231	Parallel (10') Cable
58D2H00	Lexmark MS821, 823, 825, MS/MX725, 822, 826 Return Programme 15K Toner Cartridge	1021294	USB (2 Meter) Cable
58D2X00	Lexmark MS823, 825, MX822, MS/MX725, 826 Return Programme 35K Toner Cartridge	14F0100	RS-232C Serial Interface Card
58D2U00	Lexmark MS823, 825, MX822, MS/MX725, 826 Return Programme 55K Toner Cartridge	14F0000	Parallel 1284-B Interface Card
58D0Z00	Lexmark MS/MX725, 822, 826, MS821, 823, 825, B2865, MB2770, M5255, 5270, XM5355, 5370, 7355, 7365, 7370 Return Programme 150K Imaging Unit	SPD0002	Surge Protective Device, 220-240V
58D0ZA0	Lexmark MS/MX725, 822, 826, MS821, 823, 825, B2865, MB2770, M5255, 5270, XM5355, 5370, 7355, 7365, 7370 150K Imaging Unit	P/N	Extended Warranties
58D2H0E	Lexmark MS821, 823, 825, MS/MX725, 822, 826 Corporate 15K Toner Cartridge	2363373	MS823 2-Years Total (1+1) Onsite Service
58D2X0E	Lexmark MS823, 825, MX822, MS/MX725, 826 Corporate 35K Toner Cartridge	2363374	MS823 3-Years Total (1+2) Onsite Service
58D2U0E	Lexmark MS823, 825, MX822, MS/MX725, 826 Corporate 55K Toner Cartridge	2363375	MS823 4-Years Total (1+3) Onsite Service
58D0Z0E	Lexmark MS/MX725, 822, 826, MS821, 823, 825, B2865, MB2770, M5255, 5270, XM5355, 5370, 7355, 7365, 7370 Corporate 150K Imaging Unit	2363376	MS823 5-Years Total (1+4) Onsite Service
25A0013	Staple Cartridges (3 pack)	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
		2364864	MS823 2-Year Onsite Service Renewal
		2364865	MS823 3-Year Onsite Service Renewal
		2364866	MS823 4-Year Onsite Service Renewal
		P/N	User Replaceable Parts
		41X0358	ADF Media Pick Roller

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
57X9814	Korean Font Card
57X9815	Japanese Font Card
57X9812	Simplified Chinese Font Card
57X9810	Traditional Chinese Font 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