



Lexmark MS821dn

The Lexmark MS821dn features a first page in just 4.5 seconds, output of up to 55 [52] pages per minute* and two-sided printing.

Part Number

50G0147

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 52 ppm⁶

Print Speed (A4, Black) Duplex

Up to 32 spm⁶

Time to First Page (Black)

As fast as 4.5 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

Support is provided through AirPrint and AirScan only

Citrix MetaFrame

Microsoft Windows Server 2012 R2 Datacenter Edition running Citrix XenApp 7.5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, Microsoft Windows Server 2012 Datacenter Edition running Citrix XenApp 7.5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, Microsoft Windows Server 2012 Foundation running Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2012 Essentials running Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2012 Standard running Citrix XenApp 6.0, 6.5

Linux Operating Systems Supported

Ubuntu 20.04, Debian 10, SUSE Linux Enterprise Server 12 SP5, OpenSUSE 15.2, Debian 11, Ubuntu 22.04, Fedora 36, Fedora 37, SUSE Linux Enterprise Server 15 SP4, OpenSUSE 15.4, Red Hat Linux 8.7, Red Hat Linux 9.1

Microsoft Windows Operating Systems Supported

Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows Server 2012, Windows 8.1, Windows Server 2012 R2, Windows 10, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows 11

Novell Operating Systems Supported

Novell NetWare 6.5 Open Enterprise Server 3, Novell Open Enterprise Server 2 (SP3) on SuSE Linux Enterprise Server 10 SP4 (x86 and x64) 3, Novell Open Enterprise Server 11 (SP3) on SuSE Linux Enterprise Server 11 SP4 (x86 and x64), Novell Open Enterprise Server 11 (SP3) on SuSE Linux Enterprise Server 12 SP1 (x86 and x64), Novell Open Enterprise Server 15 (SP1) on SuSE Linux Enterprise Server 11 SP4 (x86 and x64)

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, 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 Black High Yield Cartridge

Imaging Unit Estimated Yield

Up to 150000 pages, based on 5 average letter/A4 size pages per print job and ~ 5% coverage for CS/CX96x, CX83x, CX95x, and MX95x printer series, or based on 3 average letter/A4 size pages per print job and ~ 5% coverage for all other printers⁴

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

57 dBA

Duplex Print Noise Level, Operating

56 dBA

Quiet Mode

54 dBA

ENERGY STAR

Yes

Average Power (Hibernate Mode)

0.2 watts

Average Power (Sleep Mode)

1.4 watts

Average Power (Ready Mode)

39 watts

Average Power (Printing)

670 watts

Average Power while Printing Duplex

485 watts

ENERGY STAR Typical Electricity**Consumption (TEC)**

0.71 kilowatt-hours per week

Product Warranty

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 250000 pages per month³

Recommended Monthly Page Volume

3000 - 50000 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	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
58D0HA0	Lexmark 58D0HA0 Black High Yield Toner Cartridge	2364827	MS821 3-Year Onsite Service Renewal
58D3000	Lexmark 58D3000 Black Return Programme Toner Cartridge	2364828	MS821 4-Year Onsite Service Renewal
58D3H00	Lexmark 58D3H00 Black High Yield Return Programme Toner Cartridge		
P/N		P/N	User Replaceable Parts
58D0Z00	Lexmark MS/MX725, 822, 826, MS821, 823, 825, B2865, MB2770, M5255, 5270, XM5355, 5370, 7355, 7365, 7370 Return Programme Imaging Unit	41X0358	ADF Media Pick Roller
58D0ZA0	Lexmark MS/MX725, 822, 826, MS821, 823, 825, B2865, MB2770, M5255, 5270, XM5355, 5370, 7355, 7365, 7370 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		
P/N	Extended Warranties		
2363265	MS821 2-Years Total (1+1) Onsite Service		
2363266	MS821 3-Years Total (1+2) Onsite Service		
2363267	MS821 4-Years Total (1+3) Onsite Service		
2363268	MS821 5-Years Total (1+4) Onsite Service		
2363269	MS821 1-Year Onsite Service Renewal		
2363270	MS821 1-Year Post Wty Onsite Repair NBD Warranty		
2364825	MS821 6-Years Total (1+5) Onsite Service		
2367145	MS821 7-Years Total (1+6) Onsite Service		
2364826	MS821 2-Year Onsite Service Renewal		