



Lexmark MS431dn

Light, compact and fast, the MS431dn supports output of up to 40 pages per minute*, multiple connectivity options and an optional 550-sheet paper tray.

Part Number

29S0085

Print Technology

Black & White Laser Printer

Workgroup Size

Small Workgroup

Touch Screen Display

No

Display

2-line All Points Addressable (APA) monochrome LCD display

Print Speed (A4, Black)

Up to 40 ppm⁶

Print Speed (A4, Black) Duplex

Up to 18 spm⁶

Time to First Page (Black)

As fast as 5.9 seconds

Duplex (2-sided) Printing

Integrated Duplex

Print Resolution, Black

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

Processor Speed

Dual Core, 1.0 GHz

Memory, Standard

256 MB

Memory, Maximum

256 MB

Hard Disk

Not 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, 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

250-Sheet Input, 100-Sheet Multipurpose Feeder, 150-Sheet Output Bin, Integrated Duplex

Optional Paper Handling

550-Sheet Tray, 550-Sheet Lockable Tray

Paper Input Capacity, Standard

Up to 350 pages 75 gsm bond

Paper Input Capacity, Maximum

Up to 900 pages 75 gsm bond

Paper Output Capacity, Standard

Up to 150 pages 75 gsm bond

Paper Output Capacity, Maximum

Up to 150 pages 75 gsm bond

Paper Weight Range Supported - Standard Tray (gsm)

60 - 120 gsm

Paper Weight Range Supported - Multipurpose Feeder (gsm)

60 - 217 gsm

Finishing Option

No

Number of Paper Inputs, Standard

2

Number of Paper Inputs, Maximum

3

Media Types Supported

Card Stock, Envelopes, Paper Labels, Plain Paper, 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

Standard Ports

USB Compatible with USB 2.0 Specification (Type B), Gigabit Ethernet (10/100/1000)

Direct USB

No

Ethernet Network

Yes

Wireless

No

Network Protocol Support

TCP/IP IPv4, TCP/IP IPv6, TCP, UDP, IPSEC w/ IPv4, IPSEC w/ IPv6, ICMP, IGMP, 802.1x

Network Printing Methods

LPR/LPD, Enhanced IP (Port 9400), FTP, TFTP, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol), Microsoft Web Services WSD

Network Management Protocols¹

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

Network Security

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

Printable Area (metric)

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

Printer Languages (Standard)

PCL 5c Emulation, PCL 5e Emulation, PCL 6 Emulation, PostScript 3 Emulation, Direct Image

Fonts and Symbol Sets

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 2 PCL bitmap fonts, 89 scalable PostScript fonts, OCR-A, OCR-B scalable PCL 5e fonts, For more information, refer to the Technical Reference., 89 scalable PCL fonts

Laser Cartridge Yields (up to)⁵

3,000-page Cartridge, 15,000-page High Yield Cartridge, 20,000-page Black Extra High Yield Cartridge,

Imaging Unit Estimated Yield

Up to 40000 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

3,000-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)

280 x 410 x 420 mm

Packaged Weight, kg

10.52 kg

Size (mm - H x W x D)

222 x 368 x 363 mm

Weight

9.3 kg

Noise Level, Idle

14 dBA

Noise Level (Print), Operating

53 dBA

Duplex Print Noise Level, Operating

50 dBA

Quiet Mode

49 dBA

ENERGY STAR

Yes

Average Power (Hibernate Mode)

0.1 watts

Average Power (Sleep Mode)

0.9 watts

Average Power (Ready Mode)

4.9 watts

Average Power (Printing)

570 watts

Average Power while Printing Duplex

305 watts

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

0.47 kilowatt-hours per week

Product Warranty

1-Year Onsite Service, Next Business Day

Product Certifications

ENERGY STAR, ICES-003 Class B, BSMI Class B, US FDA, UL 60950-1, FCC Class B, cUL CAN/CSA-C22.2 60950-1, NOM, CB EN/IEC 60950-1, CB EN/IEC 60825-1, CE DoC (EN 62301 Class B, EN 62311, CE EN/IEC 60950-1, CE EN/IEC 60825-1, EN 61000-3, EN 55022 Class B, 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, DE-UZ 205, China Green Product (CGP), Mopria Certified

Maximum Monthly Duty Cycle

Up to 80000 pages per month³

Recommended Monthly Page Volume

800 - 8000 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

US/Canada/LV LAD - Mexico, LA HV, AP &

EMEA - 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-Line LCD
2	Standard	100-Sheet Multipurpose Feeder
3	Standard	250-Sheet Input
4	Optional	550-Sheet Tray

P/N	Toner Cartridges
55B3000	Lexmark 55B3000 Return Programme Toner Cartridge
55B3H00	Lexmark 55B3H00 High Yield Return Programme Toner Cartridge
55B0ZA0	Lexmark 55B0ZA0 Photoconductor Unit
55B0XA0	Lexmark 55B0XA0 Extra High Yield Toner Cartridge
55B3X00	Lexmark 55B3X00 Extra High Yield Return Programme Toner Cartridge
55B300E	Lexmark 55B300E Corporate Toner Cartridge
55B3H0E	Lexmark 55B3H0E High Yield Corporate Toner Cartridge
55B3X0E	Lexmark 55B3X0E Extra High Yield Corporate Toner Cartridge

P/N	Paper Handling
29S0600	550-Sheet Tray
29S0800	550-Sheet Lockable Tray

P/N	Furniture
3073173	Swivel Cabinet
35S8502	Adjustable Stand

P/N	Connectivity
1021294	USB (2 Meter) Cable

P/N	Extended Warranties
2371851	MS431 2-Years Total (1+1) Onsite Service
2371852	MS431 3-Years Total (1+2) Onsite Service
2371853	MS431 4-Years Total (1+3) Onsite Service
2371854	MS431 5-Years Total (1+4) Onsite Service
2371855	MS431 6-Years Total (1+5) Onsite Service
2371856	MS431 7-Years Total (1+6) Onsite Service
2371857	MS431 1-Year Onsite Service Renewal
2371858	MS431 2-Year Onsite Service Renewal
2371859	MS431 3-Year Onsite Service Renewal
2371860	MS431 4-Year Onsite Service Renewal
2371862	MS431 1-Year Post Wty OSR NBD Ext Warranty