



# Lexmark MS431dw

Light, compact, and fast, the MS431dw supports output up to 42 [40] pages per minute\*, wired and wireless connectivity, and an optional 550-sheet paper tray.

## Part Number

29S0134

## 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 ppm<sup>6</sup>

## Print Speed (A4, Black) Duplex

Up to 18 spm<sup>6</sup>

## 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

## 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

Ethernet 10/100BaseTX (RJ-45), USB  
Compatible with USB 2.0 Specification (Type B)

## Direct USB

No

## Ethernet Network

Yes

## Wireless

Yes

## 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 Protocols<sup>1</sup>

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)<sup>5</sup>

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 3 average letter/A4-size pages per print job and ~ 5% coverage<sup>4</sup>

## Cartridge(s) Shipping with Product

3,000-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/](http://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 Advanced Exchange, 3-5 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, Wi-Fi CERTIFIED, China Green Product (CGP), Mopria Certified

**Maximum Monthly Duty Cycle**

Up to 80000 pages per month<sup>3</sup>

**Recommended Monthly Page Volume**

800 - 8000 pages<sup>2</sup>

**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](http://www.lexmark.com/printerlicense) for details.

**Country of Origin**

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

**UNSPSC Code**

43212105

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

<sup>2</sup>"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.

<sup>3</sup>"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.

<sup>4</sup>Actual 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.

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

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

<b>P/N</b>	<b>Toner Cartridges</b>
55B6000	Lexmark 55B3000 Return Program Toner Cartridge
55B6H00	Lexmark 55B3H00 High Yield Return Program Toner Cartridge
55B0ZA0	Lexmark 55B0ZA0 Photoconductor Unit
55B0XA0	Lexmark 55B0XA0 Extra High Yield Toner Cartridge
55B6X00	Lexmark 55B3X00 Extra High Yield Return Program Toner Cartridge
55B600E	Lexmark 55B300E Corporate Toner Cartridge
55B6H0E	Lexmark 55B3H0E High Yield Corporate Toner Cartridge
55B6X0E	Lexmark 55B3X0E Extra High Yield Corporate Toner Cartridge

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

<b>P/N</b>	<b>Furniture</b>
3073173	Swivel Cabinet
35S8502	Adjustable Stand

<b>P/N</b>	<b>Connectivity</b>
1021294	USB (2 Metre) Cable
SPD0002	Surge Protective Device, 220-240V

<b>P/N</b>	<b>Extended Warranties</b>
2371822	MS431 2-Years Total (1+1) Exchange Service
2371823	MS431 3-Years Total (1+2) Exchange Service
2371824	MS431 4-Years Total (1+3) Exchange Service
2371825	MS431 5-Years Total (1+4) Exchange Service
2371826	MS431 6-Years Total (1+5) Exchange Service
2371827	MS431 7-Years Total (1+6) Exchange Service
2371828	MS431 1-Year Exchange Service Renewal
2371829	MS431 2-Year Exchange Service Renewal
2371830	MS431 3-Year Exchange Service Renewal
2371831	MS431 4-Year Exchange Service Renewal
2371833	MS431 1-Year Post Wty NBD Exchange Extended Warranty
2371849	MS431 Upgrade to Onsite Service
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