



Lexmark MS431dw

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

Part Number

29S0110

Print technology

Black & White Laser Printer

Workgroup size

Small workgroup

Touch screen display

No

Display

2-line (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 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Microsoft Windows Server 2008 and 2008 X64 Edition with Citrix XenApp 5.0, Microsoft Windows Server 2008 R2 with Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2012 with Citrix XenApp 6.0, 6.5, Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame Presentation Server 4.0

Linux operating systems supported

openSUSE Linux 42.3, Fedora 27, 28, 29, Ubuntu 16.04, 18.04 LTS, Red Hat Enterprise Linux WS 6.10, 7.5, 7.6, Debian 9.4, 9.5, 9.6, Debian GNU/Linux 8.11, openSUSE Linux 15, SUSE Linux Enterprise Server 12 SP3, SUSE Linux Enterprise Server 12 SP4, SUSE Linux Enterprise Server 15

Microsoft Windows operating systems supported

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

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)

Standard 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

Paper input capacity, maximum

Up to 900 pages

Paper output capacity, standard

Up to 150 pages

Paper output capacity, maximum

Up to 150 pages

Paper weight range supported - standard tray

60 - 120 g/m²

Paper weight range supported - multipurpose feeder

60 - 217 g/m²

Finishing

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 connectivity

Fast Ethernet (RJ-45), USB port (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 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

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

Cartridge yields: up to⁵

3000-page cartridge, 15,000-page High Yield Cartridge, 20,000-page black cartridge,

Imaging unit yield

Up to 40000 pages, based on average 3 pages per print job and 5% coverage⁴

Cartridge(s) shipped with product

3000-page starter 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 (HxWxD)

280 x 410 x 420 mm

Packaged weight

10.52 kg

Size (HxWxD)

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 in Hibernate mode

0.1 Watt

Average power in Sleep mode

0.9 Watt

Average power in Ready mode

4.9 Watt

Average power while printing

570 Watt

Average power while printing duplex

305 Watt

Energy Star Typical Electricity Consumption (TEC)

0.47 kWh per week

Product guarantee

1-Year Return-to-Base Service

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 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 (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

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 | P/N | Extended Warranties |
|---------|---|---------|---|
| 55B2000 | Lexmark MS/MX331, 431 Return Programme 3K Toner Cartridge | 2371926 | MS431 Per Call Preventive Maintenance w/ Kits |
| 55B2H00 | Lexmark MS/MX331, 431 Return Programme 15K Toner Cartridge | | |
| 55B0ZA0 | Lexmark MS/MX331, 431, B3340, B/MB3442, M/XM1342 40K Imaging Unit | | |
| 55B0XA0 | Lexmark MS/MX431 20K Toner Cartridge | | |
| 55B2X00 | Lexmark MS/MX431 Return Programme 20K Toner Cartridge | | |
| 55B200E | Lexmark MS/MX331, 431 Corporate 3K Toner Cartridge | | |
| 55B2H0E | Lexmark MS/MX331, 431 Corporate 15K Toner Cartridge | | |
| 55B2X0E | Lexmark MS/MX431 Corporate 20K Toner Cartridge | | |
| P/N | Paper Handling | | |
| 29S0600 | 550-Sheet Tray | | |
| 29S0800 | 550-Sheet Lockable Tray | | |
| P/N | Furniture | | |
| 3073173 | Swivel cabinet (25 cm, incl. storage) | | |
| 35S8502 | Printer Stand (adjustable height) | | |
| P/N | Connectivity | | |
| 1021294 | USB Cable (2 meter) | | |
| SPD0002 | Surge protective device | | |
| P/N | Extended Warranties | | |
| 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 | | |
| 2371861 | MS431 Per Call OSR 1 Time NBD Extended Warranty | | |
| 2371862 | MS431 1-Year Post Wty OSR NBD Ext Warranty | | |
| 2371863 | MS431 Upgrade to Onsite Repair NBD Fix | | |
| 2371865 | MS431 2-Years Total (1+1) Onsite Repair Next Business Day Fix | | |
| 2371866 | MS431 3-Years Total (1+2) Onsite Repair Next Business Day Fix | | |
| 2371867 | MS431 4-Years Total (1+3) Onsite Repair Next Business Day Fix | | |
| 2371868 | MS431 5-Years Total (1+4) Onsite Repair Next Business Day Fix | | |
| 2371869 | MS431 6-Years Total (1+5) Onsite Repair Next Business Day Fix | | |
| 2371870 | MS431 7-Years Total (1+6) Onsite Repair Next Business Day Fix | | |
| 2371871 | MS431 1 Year Renew Onsite Repair Next Business Day Fix | | |
| 2371872 | MS431 2 Year Renew Onsite Repair Next Business Day Fix | | |
| 2371873 | MS431 3 Year Renew Onsite Repair Next Business Day Fix | | |
| 2371874 | MS431 4 Year Renew Onsite Repair Next Business Day Fix | | |