



Lexmark CS431dw

Give every small workgroup colour output with the compact, lightweight Lexmark CS431dw, ready to network or share wirelessly with output of up to 24 ppm*.

Part Number

40N9420

Print technology

Colour Laser

Workgroup size

Small-medium workgroup

Touch screen display

Yes

Display

2.8 inch (7.2 cm) LCD touch panel

Print speed (A4, black)

Up to 24.7 ppm⁵

Print speed (A4, colour)

Up to 24.7 ppm⁵

Print speed (A4, black) duplex

Up to 13 spm⁵

Print speed (A4, colour) duplex

Up to 13 spm⁵

Time to first page (black)

As fast as 10.9 seconds

Time to first page (colour)

As fast as 11 seconds

Duplex (2-sided) printing

Integrated Duplex

Print resolution, black

4800 CQ (2400 x 600 dpi)

Print resolution, colour

4800 CQ (2400 x 600 dpi)

Processor speed

Dual Core, 1.0 GHz

Memory, standard

512 MB

Memory, maximum

512 MB

Hard Disk

Not available

Apple Operating Systems Supported

Support is provided through AirPrint and AirScan only

Citrix MetaFrame

Microsoft Windows Server 2003 running Terminal Services with Citrix Presentation Server 4.0, 4.5, Microsoft Windows Server 2008 R2 with Citrix XenApp 6.0, 6.5, 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

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

Microsoft Windows operating systems supported

Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows 8.1, Windows 10, Windows Server 2016, 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)

Standard paper handling

250-sheet input, Integrated Duplex, Single-sheet manual feed, 100-Sheet Output Bin

Optional paper handling

250-Sheet Tray

Paper input capacity, standard

Up to 250+1 pages

Paper input capacity, maximum

Up to 750+1 pages

Paper output capacity, standard

Up to 100 pages

Paper output capacity, maximum

Up to 100 pages

Paper weight range supported - standard tray

60 - 162 g/m²

Finishing

No

Number of paper inputs, standard

2

Number of paper inputs, maximum

4

Media types supported

Card Stock, Envelopes, Glossy paper, 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, Hagaki card, Executive, Folio, JIS-B5, Legal, Letter, Statement, Universal, Oficio, A6

Standard connectivity

USB 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000; RJ-45), 802.11ac Wireless

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

Network printing methods

LPR/LPD, Direct IP (Port 9100), 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, APIPA (AutolP), DHCP, ICMP, DNS, SMTP, DDNS, mDNS, ARP, NTP, Finger,

Network security

SSL Enabled Embedded Web Server (HTTPS), SNMPv3, TCP/IP port access control, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS, IPsec, Certificate Management, IPsec (transport only)

Printable area

4.2 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, PDF 1.7 emulation, PCLm

Fonts and symbol sets

2 PCL bitmap fonts, OCR-A, OCR-B scalable PCL 5e fonts, For more information, refer to the Technical Reference., 91 scalable PostScript fonts, 89 scalable PCL fonts, Code 3 of 9 barcode fonts

Cartridge yields: up to⁴

1500-page black and colour (CMY) cartridges, 6000-page black cartridge, , 6,700-page Colour (CMY) Extra High Yield Cartridges

Cartridge(s) shipped with product

1500-page colour (CMY) Return Programme toner cartridges, 1500-page black 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)

519 x 332 x 556 mm

Packaged weight

19.1 kg

Size (HxWxD)

243.7 x 411.2 x 394.1 mm

Weight

16.1 kg

Noise level, idle

14 dBA

Noise Level (Print), Operating

51/53 dBA

Duplex print noise level, operating

50/53 dBA

Quiet mode

46 dBA

Energy Star

Yes

Average power in Hibernate mode

Watt

Average power in Sleep mode

1.2 Watt

Average power in Ready mode

17.0 Watt

Average power while printing

400 Watt

Average power while printing duplex

275 Watt

Energy Star Typical Electricity Consumption (TEC)

0.36 kWh per week

Product guarantee

1-Year Onsite 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, 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, EN 55024, UL), EFTA (CE), KCC, CCC, CECP, CEL, C-tick DoC, UL-AR, KC mark, UL GS mark, UCRF, EC 1275, DE-UZ 219, CNS-13438/14336, Wi-Fi CERTIFIED, China Green Product (CGP), Mopria Certified

Maximum monthly duty cycle

Up to 75000 pages per month³

Recommended monthly page volume

750 - 5000 pages²

Specified operating environment

Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 3048 meters, Temperature: 10 to 32°C (50 to 90°F)

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

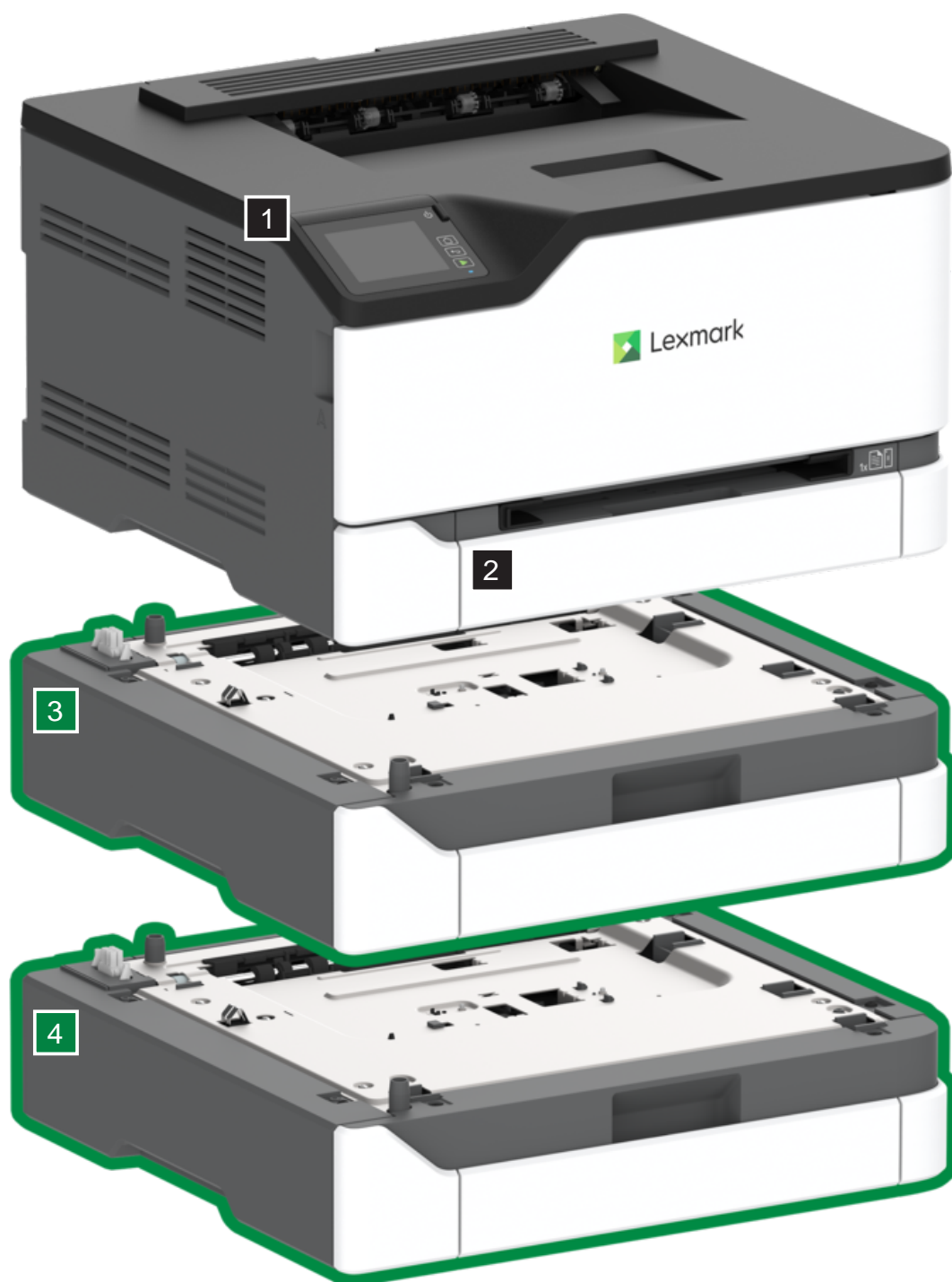
¹This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)

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.

⁴Average continuous black or continuous composite CMY declared cartridge yield up to this number of standard pages in accordance with ISO/IEC 19798.

⁵Print 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	7.2 cm (2.8-inch) LCD touch panel
2	Standard	250-Sheet Input
3	Optional	250-Sheet Tray
4	Optional	

P/N	Toner Cartridges	P/N	Extended Warranties
20N0W00	Lexmark CS/CX331, 431, C/MC3224, 3326, 3426 15K Waste Container	2371453	CS431 1 -Year Renewal Onsite Repair Next Business Day Fix
20N20C0	Lexmark CS/CX331, 431 Cyan Return Programme 1.5K Print Cartridge	2371454	CS431 2 -Year Renewal Onsite Repair Next Business Day Fix
20N20M0	Lexmark CS/CX331, 431 Magenta Return Programme 1.5K Print Cartridge	2371455	CS431 3 -Year Renewal Onsite Repair Next Business Day Fix
20N20Y0	Lexmark CS/CX331, 431 Yellow Return Programme 1.5K Print Cartridge	2371456	CS431 4 -Year Renewal Onsite Repair Next Business Day Fix
20N20K0	Lexmark CS/CX331, 431 Black Return Programme 1.5K Print Cartridge	2371508	CS431 Per Call Preventive Maintenance w/ Kit
20N2XC0	Lexmark CS/CX431 Cyan Return Programme 6.7K Print Cartridge		
20N2XM0	Lexmark CS/CX431 Magenta Return Programme 6.7K Print Cartridge		
20N2XY0	Lexmark CS/CX431 Yellow Return Programme 6.7K Print Cartridge		
20N2XK0	Lexmark CS/CX431 Black Return Programme 6K Print Cartridge		
20N0X20	Lexmark CS/CX431 Cyan 6.7K Print Cartridge		
20N0X30	Lexmark CS/CX431 Magenta 6.7K Print Cartridge		
20N0X40	Lexmark CS/CX431 Yellow 6.7K Print Cartridge		
20N0X10	Lexmark CS/CX431 Black 6K Print Cartridge		

P/N Paper Handling

40N4250 250-Sheet Tray

P/N Furniture

40C2300 CS72x, CX725 Printer Stand (adjustable height)

P/N Connectivity

1021294 USB Cable (2 meter)

P/N Extended Warranties

2371443 CS431 Per Call Onsite Repair NBD Warranty

2371433 CS431 2 Years Total (1+1) Onsite Repair Next Business Day Warranty

2371434 CS431 3 Years Total (1+2) Onsite Repair Next Business Day Warranty

2371435 CS431 4 Years Total (1+3) Onsite Repair Next Business Day Warranty

2371436 CS431 5 Years Total (1+5) Onsite Repair Next Business Day Warranty

2371437 CS431 6 Years Total (1+5) Onsite Repair Next Business Day Warranty

2371438 CS431 7 Years Total (1+7) Onsite Repair Next Business Day Warranty

2371439 CS431 1 -Year Renewal Onsite Repair NBD Warranty

2371440 CS431 2 -Year Renewal Onsite Repair NBD Warranty

2371441 CS431 3 -Year Renewal Onsite Repair NBD Warranty

2371442 CS431 4 -Year Renewal Onsite Repair NBD Warranty

2371444 CS431 1 -Year Post Warranty Onsite Repair NBD

2371445 CS431 Upgrade Onsite Repair Next Business Day Fix

2371447 CS431 2 Years Total (1+1) Onsite Repair Next Business Day Fix

2371448 CS431 3 Years Total (1+2) Onsite Repair Next Business Day Fix

2371449 CS431 4 Years Total (1+3) Onsite Repair Next Business Day Fix

2371450 CS431 5 Years Total (1+4) Onsite Repair Next Business Day Fix

2371451 CS431 6 Years Total (1+5) Onsite Repair Next Business Day Fix

2371452 CS431 7 Years Total (1+6) Onsite Repair Next Business Day Fix