



# Lexmark CX431adw

Small workgroup colour versatility is easy to deploy and share with the compact, lightweight Lexmark CX431adw multifunction, offering output at up to 24 ppm\*.

## Part Number

40N9470

## Print Technology

Colour Laser

## Function

Colour Copying, Colour Printing, Colour Scanning, Faxing

## 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 ppm<sup>4</sup>

## Print Speed (A4, Colour)

Up to 24.7 ppm<sup>4</sup>

## Print Speed (A4, Black) Duplex

Up to 13 spm<sup>4</sup>

## Print Speed (A4, Colour) Duplex

Up to 13 spm<sup>4</sup>

## Time to First Page (Black)

As fast as 10.8 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)

## Copy Speed (A4, Black)

Up to 24.7 cpm<sup>4</sup>

## Copy Speed (A4, Colour)

Up to 24.7 cpm<sup>4</sup>

## Copy Speed (A4, Black) Duplex

Up to 24.7 spm<sup>4</sup>

## Copy Speed (A4, Colour) Duplex

Up to 24.7 spm<sup>4</sup>

## Time to First Copy (Black)

As fast as 12.1 seconds

## Time to First Copy (Colour)

As fast as 13.3 seconds

## Reduce / Enlarge Range

25 - 400 %

## A4/Ltr Simplex Scan Speed (Black)

Up to 45 / 48 sides per minute

## A4/Ltr Simplex Scan Speed (Colour)

Up to 20 / 21 sides per minute

## A4/Ltr Duplex Scan Speed (Black)

Up to 90 / 96 sides per minute

## A4/Ltr Duplex Scan Speed (Colour)

Up to 40 / 42 sides per minute

## Scan Area, Maximum (mm)

216 x 356 mm

## ADF Scan

DADF (single pass Duplex)

## Scanner Type

Flatbed scanner with ADF

## Scan Technology

CIS

## Optical Scanning Resolution

600 X 600 dpi (black), up to 600 X 600 ppi (colour)

## Scan File Formats (Send as)

JPEG, JPG, PDF, TIFF

## Scan Destinations

e-mail, FTP, USB Flash drive, USB or Network connected computer

## Modem Speed

Max is 33,600 bps, V.34 Half-Duplex Kbps

## Fax Transmission Speed

< 3 seconds per page

## Processor Speed

Dual Core, 1.0 GHz

## Memory, Standard

1 GB

## Memory, Maximum

1 GB

## Hard Disk

Not Available

## Apple Operating Systems Supported

Support is provided through AirPrint and AirScan only

## Citrix MetaFrame

Microsoft Windows Server 2003 x64 running Terminal Services with Citrix Presentation Server 4.0 x64, 4.5 x64, Microsoft Windows Server 2003 and 2003 X64 Edition with Citrix XenApp 5.0, 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

## Linux Operating Systems Supported

SUSE Linux Enterprise Server 10, 11, 12, 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

## Microsoft Windows Operating Systems Supported

Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows 8.1, Windows 8.1 x64, Windows 10, Windows 11

## Novell Operating Systems Supported

Novell NetWare 6.5 Open Enterprise Server, Novell Open Enterprise Server 2 on SUSE Linux Enterprise Server 10 SP4, 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, 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 75 gsm bond

## Paper Input Capacity, Maximum

Up to 750+1 pages 75 gsm bond

## Paper Output Capacity, Standard

Up to 100 pages 75 gsm bond

## Paper Output Capacity, Maximum

Up to 100 pages 75 gsm bond

## Paper Weight Range Supported - Standard

Tray (gsm)

60 - 162 gsm

## ADF

50-Sheet Automatic Document Feeder

## ADF Paper Input Capacity

Up to 50 pages 75 gsm bond

## ADF Paper Output Capacity

Up to 50 pages 75 gsm bond

## Finishing Option

No

## Number of Paper Inputs, Standard

2

## Number of Paper Inputs, Maximum

2

## Media Types Supported

Card Stock, Envelopes, Glossy paper, Paper Labels, Plain Paper, Hagaki Card, 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), Front Hi-Speed USB port Compatible with USB 2.0 Specification (Type A), 802.11ac Wireless

## Direct USB

Yes

## Ethernet Network

Yes

## Wireless

Yes

**Network Protocol Support**

TCP/IP IPv4, TCP/IP IPv6, TCP, UDP

**Network Printing Methods**

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, APIPA (AutoIP), DHCP, ICMP, DNS, DDNS, mDNS, ARP, NTP, Finger,

**Network Security**

SNMPv3, TCP/IP port access control, 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 5c Emulation, PCL 5e Emulation, PCL 6 Emulation, PostScript 3 Emulation, Direct Image, PDF 1.7 emulation, PCLm

**Fonts and Symbol Sets**

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 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

**Laser Cartridge Yields (up to)**

1,500-page Black and Colour (CMYK) Cartridges, 6,000-page Black Extra High Yield Cartridge, Average continuous cartridge yield is stated number of standard pages as listed. Declared yield value in accordance with ISO/IEC 19798., 6,700-page Colour (CMY) Extra High Yield Cartridges

**Cartridge(s) Shipping with Product**

1,500-page Colour (CMY) Return Programme Toner Cartridges, 1,500-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](http://www.lexmark.com/regions) for more details.

**Packaged Size (mm - H x W x D)**

519 x 440 x 556 mm

**Packaged Weight, kg**

22.7 kg

**Size (mm - H x W x D)**

344.4 x 411.2 x 394.1 mm

**Weight**

19.4 kg

**Noise level (Idle mode)**

14 dBA

**Noise Level (Print), Operating**

51/52 dBA

**Duplex Print Noise Level, Operating**

50/52 dBA

**Noise Level (Copy), Operating**

dBA

**Noise Level (Scan), Operating**

dBA

**Quiet Mode**

45 dBA

**ENERGY STAR**

Yes

**Average Power (Hibernate Mode)**

watts

**Average Power (Sleep Mode)**

1.3 watts

**Average Power (Ready Mode)**

17.5 watts

**Average Power (Printing)**

400 watts

**Average Power while Printing Duplex**

275 watts

**Average Power (Copying)**

395 watts

**Average Power (Scanning)**

21 watts

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

0.37 kilowatt-hours 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 month<sup>3</sup>

**Recommended Monthly Page Volume**

750 - 5000 pages<sup>2</sup>

**Specified Operating Environment**

Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 3048 Metres (10,000 Feet), 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](http://www.lexmark.com/printerlicense) for details.

**Country of Origin**

China (PRC)

**UNSPSC Code**

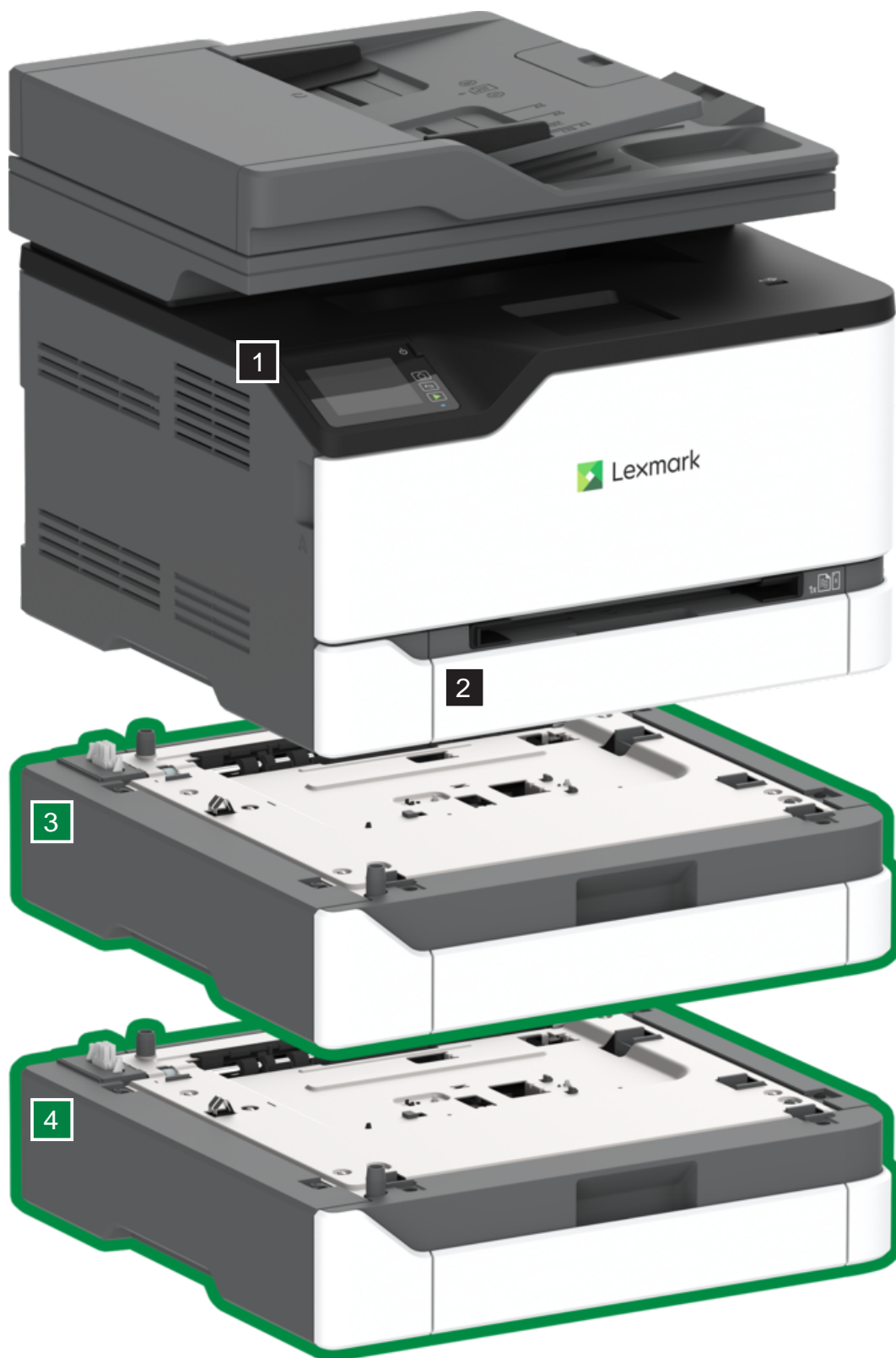
43212110

<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>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     | 7.2 cm (2.8-inch) LCD touch panel |
| 2       | Standard     | 250-Sheet Tray                    |
| 3       | Optional     | Optional 250 Sheet tray           |
| 4       | Optional     |                                   |

| <b>P/N</b> | <b>Toner Cartridges</b>   |
|------------|---|
| 20N0W00    | Lexmark CS/CX331, 431, C/MC3224, 3326, 3426 15K Waste Container     |
| 20N20C0    | Lexmark CS/CX331, 431 Cyan Return Programme 1.5K Print Cartridge    |
| 20N20M0    | Lexmark CS/CX331, 431 Magenta Return Programme 1.5K Print Cartridge |
| 20N20Y0    | Lexmark CS/CX331, 431 Yellow Return Programme 1.5K Print Cartridge  |
| 20N20K0    | Lexmark CS/CX331, 431 Black Return Programme 1.5K Print Cartridge   |
| 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                           |

| <b>P/N</b> | <b>Paper Handling</b> |
|------------|-----------------------|
| 40N4250    | 250-Sheet Tray        |

| <b>P/N</b> | <b>Furniture</b> |
|------------|------------------|
| 40C2300    | Adjustable Stand |

| <b>P/N</b> | <b>Connectivity</b> |
|------------|---------------------|
| 1021294    | USB (2 Meter) Cable |