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
40N9573

Print Technology
Colour Laser

Function
Colour Copying, Colour Printing, Colour Scanning, Faxing

Workgroup Size
Small-Medium Workgroup

Touch Screen Display
Yes

Display
7.2 cm LCD touch panel

Print Speed (A4, Black)
Up to 24.7 ppm[4]

Print Speed (A4, Colour)
Up to 24.7 ppm[4]

Print Speed (A4, Black) Duplex
Up to 13 spm[4]

Print Speed (A4, Colour) Duplex
Up to 13 spm[4]

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[4]

Copy Speed (A4, Colour)
Up to 24.7 cpm[4]

Copy Speed (A4, Black) Duplex
Up to 24.7 spm[4]

Copy Speed (A4, Colour) Duplex
Up to 24.7 spm[4]

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

Scan Speed (A4/Ltr, Colour)
Up to 20 / 21 sides per minute

A4/Ltr Duplex Scan Speed (Black)
Up to 90 / 96 sides per minute

Duplex Scan Speed (A4/Ltr, 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

Scan Resolution, Enhanced
Up to 600 X 600 dpi

Scan Resolution, Optical
Up to 600 dpi

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 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, 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 Ports
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[1]
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 Program Toner Cartridges, 1,500-page Black 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)
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
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 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, 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[3]

Recommended Monthly Page Volume
750 - 5000 pages[2]

Specified Operating Environment
Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 3048 metres, 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
43212110

[1]This 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.

[4]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.

Callout	Availability	Description
1	Standard	7.2 cm LCD touch panel
2	Standard	250-Sheet Tray
3	Optional	Optional 250 Sheet tray
4	Optional	

P/N	Toner Cartridges
20N0W00	Lexmark 20N0W00 Waste Print Bottle
20N30C0	Lexmark 20N30C0 Cyan Return Program Print Cartridge
20N30M0	Lexmark 20N30M0 Magenta Return Program Print Cartridge
20N30Y0	Lexmark 20N30Y0 Yellow Return Program Print Cartridge
20N30K0	Lexmark 20N30K0 Black Return Program Print Cartridge
20N3XC0	Lexmark 20N3XC0 Cyan Extra High Yield Return Programme Print Cartridge
20N3XM0	Lexmark 20N3XM0 Magenta Extra High Yield Return Programme Print Cartridge
20N3XY0	Lexmark 20N3XY0 Yellow Extra High Yield Return Programme Print Cartridge
20N3XK0	Lexmark 20N3XK0 Black Extra High Yield Return Programme Print Cartridge
20N0X20	Lexmark 20N0X20 Cyan Extra High Yield Print Cartridge
20N0X30	Lexmark 20N0X30 Magenta Extra High Yield Print Cartridge
20N0X40	Lexmark 20N0X40 Yellow Extra High Yield Print Cartridge
20N0X10	Lexmark 20N0X10 Black Extra High Yield Print Cartridge

P/N	Paper Handling
40N4250	250-Sheet Tray

P/N	Furniture
40C2300	Adjustable Stand

P/N	Connectivity
1021294	USB (2 Meter) Cable

P/N	Extended Warranties
2371567	CX431 1-Year Onsite Service Renewal NBD
2371568	CX431 2-Year Onsite Service Renewal NBD
2371569	CX431 3-Year Onsite Service Renewal NBD
2371570	CX431 4-Year Onsite Service Renewal NBD
2371571	CX431 Per Call 1-Time Onsite Repair NBD Warranty
2371572	CX431 1 Year Post Warranty Onsite Repair NBD
2371561	CX431 2-Years Total (1+1) Onsite Service
2371562	CX431 3-Years Total (1+2) Onsite Service
2371563	CX431 4-Years Total (1+3) Onsite Service
2371564	CX431 5-Years Total (1+4) Onsite Service
2371565	CX431 6-Years Total (1+5) Onsite Service
2371566	CX431 7-Years Total (1+6) Onsite Service