



# Lexmark MX431adn

Get output up to 40 pages per minute\*, plus double-side automatic scanning, copying, faxing and touch-screen convenience, all in the compact Lexmark MX431adn.

## Part Number

29S0210

## Print Technology

Black & White Laser Printer

## Function

Colour Scanning, Copying, Faxing, Network Scanning, Printing

## Workgroup Size

Small Workgroup

## Touch Screen Display

Yes

## Display

2.8 inch (7.2 cm) LCD touch panel

## Print Speed (A4, Black)

Do 40 ppm<sup>6</sup>

## Print Speed (A4, Black) Duplex

Do 18 spm<sup>6</sup>

## Time to First Page (Black) As fast as

Za samo 5.9 seconds

## Duplex (2-sided) Printing

Integrated Duplex

## Print Resolution, Black

2400 IQ (2400 x 600 dpi), 600 x 600 dpi

## Copy Speed (A4, Black)

Do 39 cpm<sup>6</sup>

## Copy Speed (A4, Black) Duplex

Do 18 spm<sup>6</sup>

## Time to First Copy (Black) as fast as

Za samo 5.9 seconds

## Reduce / Enlarge Range

25 - 400 %

## A4/Ltr Simplex Scan Speed (Black)

Do 46 / 48 sides per minute

## A4/Ltr Simplex Scan Speed (Colour)

Do 20 / 21 sides per minute

## A4/Ltr Duplex Scan Speed (Black)

Do 92 / 96 sides per minute

## A4/Ltr Duplex Scan Speed (Colour)

Do 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 or Network connected computer

## Modem Speed

ITU T.30, V.34 Half-Duplex, 33.6 Kbps

## Fax Transmission Speed

< 3 seconds per page

## 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 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, 100-Sheet Multipurpose Feeder, 150-Sheet Output Bin, Integrated Duplex

## Optional Paper Handling

550-Sheet Tray, 550-Sheet Lockable Tray

## Paper Input Capacity, Standard

Do 350 pages 75 gsm bond

## Paper Input Capacity, Maximum

Do 900 pages 75 gsm bond

## Paper Output Capacity, Standard

Do 150 pages 75 gsm bond

## Paper Output Capacity, Maximum

Do 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

## ADF

50-Sheet Automatic Document Feeder

## ADF Paper Input Capacity

Do 50 pages 75 gsm bond

## ADF Paper Output Capacity

Do 50 pages 75 gsm bond

## 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, DL Envelope, Executive, Folio, JIS-B5, Legal, Letter, Statement, Universal, Oficio, A6

## Standard Connectivity

USB Compatible with USB 2.0 Specification (Type B), Gigabit Ethernet (10/100/1000)

## Direct USB

Yes

## Ethernet Network

Yes

## Wireless

Wireless Option

## 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, 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**

Do 40000 pages, based on 5 average letter/A4 size pages per print job and ~ 5% coverage for CS/CX96x, CX83x, CX95x, and MX95x printer series, or based on 3 average letter/A4 size pages per print job and ~ 5% coverage for all other printers<sup>4</sup>

**Cartridge(s) Shipping with Product**

3,000-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/](http://www.lexmark.com/) regions for more details.

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

385 x 420 x 465 mm

**Packaged Weight, kg**

14.7 kg

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

339 x 411 x 366 mm

**Weight**

12.8 kg

**Noise level (Idle mode)**

14 dBA

**Noise Level (Print), Operating**

53 dBA

**Duplex Print Noise Level, Operating**

50 dBA

**Noise Level (Copy), Operating**

59 dBA

**Noise Level (Scan), Operating**

58 dBA

**Quiet Mode**

48 dBA

**ENERGY STAR**

Yes

**Average Power (Hibernate Mode)**

0.1 watts

**Average Power (Sleep Mode)**

0.9 watts

**Average Power (Ready Mode)**

watts

**Average Power (Printing)**

580 watts

**Average Power while Printing Duplex**

330 watts

**Average Power (Copying)**

watts

**Average Power (Scanning)**

watts

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

0.47 kilowatt-hours 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, China Green Product (CGP), Mopria Certified

**Maximum Monthly Duty Cycle**

Do 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 (9,500 Feet)

**License/Agreement Terms**

Printers are sold subject to certain license/agreement conditions. See [www.lexmark.com/](http://www.lexmark.com/) printerlicense for details.

**Country of Origin**

US/Canada/LV LAD - Mexico, LA HV, AP & EMEA - 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>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       | Standardno   | 7.2 cm (2.8-inch) LCD touch panel |
| 2       | Standardno   | 100-Sheet Multipurpose Feeder     |
| 3       | Standardno   | 250-Sheet Input                   |
| 4       | Opciono      | 550-Sheet Tray                    |

| <b>P/N</b> | <b>Kertridži sa tonerom</b>                                     |
|------------|-----------------------------------------------------------------|
| 55B5000    | Lexmark 55B5000 Return Program Toner Cartridge                  |
| 55B5H00    | Lexmark 55B5H00 High Yield Return Program Toner Cartridge       |
| 55B0ZA0    | Lexmark 55B0ZA0 Photoconductor Unit                             |
| 55B0XA0    | Lexmark 55B0XA0 Extra High Yield Toner Cartridge                |
| 55B5X00    | Lexmark 55B5X00 Extra High Yield Return Program Toner Cartridge |
| 55B500E    | Lexmark 55B500E Corporate Toner Cartridge                       |
| 55B5H0E    | Lexmark 55B5H0E High Yield Corporate Toner Cartridge            |
| 55B5X0E    | Lexmark 55B5X0E Extra High Yield Corporate Toner Cartridge      |

| <b>P/N</b> | <b>Manipulisanje papirom</b> |
|------------|------------------------------|
| 29S0600    | 550-Sheet Tray               |
| 29S0800    | 550-Sheet Lockable Tray      |

| <b>P/N</b> | <b>Nameštaj</b>  |
|------------|------------------|
| 3073173    | Swivel Cabinet   |
| 35S8502    | Adjustable Stand |

| <b>P/N</b> | <b>Povezivanje</b>                                            |
|------------|---------------------------------------------------------------|
| 27X6410    | Lexmark MarkNet N8372 802.11 a/b/g/n/ac Wireless Print Server |
| 1021294    | USB (2 Meter) Cable                                           |