



Lexmark MX431adn

Get output of 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)

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

Copy Speed (A4, Black)

Up to 39 cpm⁶

Copy Speed (A4, Black) Duplex

Up to 18 spm⁶

Time to First Copy (Black)

As fast as 5.9 seconds

Reduce / Enlarge Range

25 - 400 %

A4/Ltr Simplex Scan Speed (Black)

Up to 46 / 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 92 / 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

up to 600 X 600 ppi (colour)

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 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 x64, 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)

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

Up to 350 pages 75 gsm bond

Paper Input Capacity, Maximum

Up to 900 pages 75 gsm bond

Paper Output Capacity, Standard

Up to 150 pages 75 gsm bond

Paper Output Capacity, Maximum

Up to 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

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

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 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 (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)⁵

3,000-page Cartridge, 15,000-page High Yield Cartridge, 20,000-page Black Extra High Yield Cartridge,

Imaging Unit Estimated Yield

Up to 40000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage⁴

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/ 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

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

43212110

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	7.2 cm (2.8-inch) LCD touch panel
2	Standard	100-Sheet Multipurpose Feeder
3	Standard	250-Sheet Input
4	Optional	550-Sheet Tray

P/N	Toner Cartridges
55B2000	Lexmark MS/MX331, 431 Return Programme 3K Toner Cartridge
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
35S8502	Adjustable Stand

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

P/N	Extended Warranties
2372076	MX431 Upgrade to Onsite Service
2372077	MX431 2-Years Total (1+1) Onsite Service
2372078	MX431 3-Years Total (1+2) Onsite Service
2372079	MX431 4-Years Total (1+3) Onsite Service
2372080	MX431 5-Years Total (1+4) Onsite Service
2372081	MX431 6-Years Total (1+5) Onsite Service
2372082	MX431 7-Years Total (1+6) Onsite Service
2372083	MX431 1-Year Onsite Service Renewal
2372084	MX431 2-Year Onsite Service Renewal
2372085	MX431 3-Year Onsite Service Renewal
2372086	MX431 4-Year Onsite Service Renewal
2372088	MX431 1-Year Post Wty OSR NBD Ext Warranty