



Lexmark MX421ade

The Lexmark MX421ade prints at up to 40 ppm and offers fax, two-sided scanning and copy functions, plus a convenient 10-cm touch screen.

Part Number

36S0710

Print technology

Black & White Laser Printer

Functionality

Colour Scanning, Copying, Faxing, Network Scanning, Printing

Workgroup size

Small workgroup

Touch screen display

Yes

Display

Lexmark e-Task 4.3-inch (10.9 cm) colour touch screen

Print speed (A4, black)

Up to 40 ppm⁶

Print speed (A4, black) duplex

Up to 20 spm⁶

Time to first page (black)

As fast as 6.25 seconds

Duplex (2-sided) printing

Integrated Duplex

Print resolution, black

1200 IQ (1200 x 600 dpi), 1200 x 1200 dpi, 2400 IQ (2400 x 600 dpi), 600 x 600 dpi

Copy speed (A4, black)

Up to 40 cpm⁶

Copy speed (A4, black) duplex

Up to 20 spm⁶

Time to first copy (black)

As fast as 6.25 seconds

Reduce / enlarge range

25 - 400 %

Simplex scan speed (A4, black)

Up to 42 / 45 spm

Simplex scan speed (A4, colour)

Up to 20 / 22 spm

Duplex scan speed (A4, black)

Up to 20 / 20 spm

Duplex scan speed (A4, colour)

Up to 10.5 / 10.5 spm

Scan area, maximum

215.9 x 355.6 mm

ADF scan

RADF (reversing duplex)

Scanner type

Flatbed scanner with ADF

Scan technology

CIS

Optical scan resolution

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

Scan file formats (send as)

JPEG, JPG, PDF, Secure PDF, TIFF, Archival PDF (A-1a, A-1b)

Scan destinations

e-mail, FTP, USB Flash drive, USB or Network connected computer, Lexmark Document Solutions Suite (LDSS)

Modem speed

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

Fax receive resolution

Up to 400 x 400 dpi

Fax transmission speed

< 3 seconds per page

Processor speed

Dual Core, 1.0 GHz

Memory, standard

1024 MB

Memory, maximum

1024 MB

Hard Disk

Not available

Apple Operating Systems Supported

Apple OS X (10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13)

Citrix MetaFrame

Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 4.0, Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 3.0, 4.0, Microsoft Windows Server 2012 with Citrix XenApp 6.0, 6.5

Linux operating systems supported

SUSE Linux Enterprise Server 10, 11, Debian GNU/Linux 7.0, 8.0, SUSE Linux Enterprise Desktop 10, 11, 12, Ubuntu 16.04 LTS, Fedora 23, 24, Red Hat Enterprise Linux WS 6, 7, openSUSE Linux 42.3

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 NetWare 5.1(SP 6+), 6.0(SP 3+) with Novell Distributed Print Services (NDPS), Novell Open Enterprise Server on SUSE Linux Enterprise Server, Novell Open Enterprise Server 2 on SUSE Linux Enterprise Server 10 SP4, Novell Open Enterprise Server 11 on SUSE Linux Enterprise Server 11, Novell Open Enterprise Server 2 SP2 on SuSE Linux Enterprise Server 10 SP3 3

UNIX operating systems supported

Sun Solaris x86 10, 11, Sun Solaris SPARC 10, 11, IBM AIX 6.1, 7.1

Standard paper handling

250-sheet input, 100-Sheet Multipurpose Feeder, 150-sheet output bin, Integrated Duplex

Optional paper handling

250-Sheet Tray, 550-Sheet Tray, 550-Sheet Lockable Tray

Paper input capacity, standard

Up to 350 pages

Paper input capacity, maximum

Up to 900 pages

Paper output capacity, standard

Up to 150 pages

Paper output capacity, maximum

Up to 150 pages

Paper weight range supported - standard tray

60 - 120 g/m²

Autom. document feeder (ADF)

50-sheet autom. document feeder

ADF paper input capacity

Up to 50 pages

ADF paper output capacity

Up to 50 pages

Finishing

No

Number of paper inputs, standard

2

Number of paper inputs, maximum

3

Media types supported

Card Stock, Envelopes, Paper Labels, Plain Paper, Transparencies, 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 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A)

Optional network ports

Marknet N8372 WiFi Option

Direct USB

Yes

Ethernet network

Yes

Wireless

No

Network protocol support

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

Network printing methods

LPR/LPD, Direct IP (Port 9100), Enhanced IP (Port 9400), Secure IP (Port 96xx), FTP, TFTP, ThinPrint .print integration, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol), Microsoft Web Services WSD, Pull Printing

Network management protocols¹

HTTP, HTTPs (SSL/TLS), SNMPv1, SNMPv2c, SNMPv3, WINS, IGMP, BOOTP, RARP, APIPA (AutoIP), DHCP, ICMP, DNS, DDNS, mDNS, ARP, NTP, Telnet, Finger,

Network security

SNMPv3, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS, IPsec

Printable area

4.0 mm of the top, bottom, right and left edges (within)

Printer languages (standard)

PCL 5e Emulation, PCL 6 Emulation, Personal Printer Data Stream (PPDS), PostScript 3 Emulation, Direct Image, AirPrint™, PDF 1.7 emulation

Fonts and symbol sets

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 2 PCL bitmap fonts, 39 scalable PPDS fonts, 5 PPDS bitmap fonts, 84 scalable PCL fonts, OCR-A, OCR-B scalable PCL 5e fonts, For more information, refer to the Technical Reference., 91 scalable PostScript fonts

Cartridge yields: up to⁵

6000-page cartridge, 15,000-page High Yield Cartridge, 20,000-page cartridge,

Imaging unit yield

Up to 60000 pages, based on average 3 pages per print job and 5% coverage⁴

Cartridge(s) shipped with product

3000-page starter 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)

564 x 484 x 524 mm

Packaged weight

22.25 kg

Size (HxWxD)

467 x 399 x 429.5 mm

Weight

19.4 kg

Noise level, idle

14 dBA

Noise Level (Print), Operating

55 dBA

Duplex print noise level, operating

54 dBA

Noise Level (Copy), Operating

55 dBA

Noise Level (Scan), Operating

55 dBA

Quiet mode

52 dBA

Energy Star

Yes

Average power in Hibernate mode

0.1 Watt

Average power in Sleep mode

1.3 Watt

Average power in Ready mode

11.5 Watt

Average power while printing

570 Watt

Average power while printing duplex

355 Watt

Average power while copying

590 Watt

Average power while scanning

17.5 Watt

Energy Star Typical Electricity Consumption (TEC)

0.54 kWh per week

Product guarantee

1-Year Onsite Service, Next Business Day

Product certifications

ENERGY STAR, ICES-003 Class B, BSMI Class B, VCCI 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, China Green Product (CGP)

Maximum monthly duty cycle

Up to 100000 pages per month³

Recommended monthly page volume

1000 - 10000 pages²

Specified operating environment

Humidity: 8 to 80% Relative Humidity, Temperature: 10 to 32°C (50 to 90°F), Altitude: 0 - 5000 Meters

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	10.9 cm (4.3-inch) Touch Screen
2	Standard	100-Sheet Multipurpose Feeder
3	Optional	250-Sheet Tray / 550-Sheet Tray
4	Optional	250-Sheet Input

P/N	Toner Cartridges	P/N	Extended Warranties
56F0XA0	Lexmark MS/MX421 20K Toner Cartridge	2362114	MX421 3-Year Onsite Service NBD Fix
56F2000	Lexmark MS/MX321, 421, 521, 622, MX522, MS621 Return Programme 6K Toner Cartridge	2362115	MX421 4-Year Onsite Service NBD Fix
56F2X00	Lexmark MS/MX421, 521, 622, MS621, MX522 Return Programme 20K Toner Cartridge	2362116	MX421 1-Year Renewal Onsite Service NBD Fix
56F0ZA0	Lexmark MS/MX321, 421, 521, 622, MX522, MS621, B/MB2338, 2442, 2546, 2650, M/XM1242, 1246, 3250 60K Imaging Unit	2365230	MX421 6-Years Total (1+5) Onsite Service
56F0Z00	MS/MX32x, 42x, 52x, 62x, M/XM12xx, 32xx, B/MB2x Return Programme 60K Imaging Unit	2369214	MX421 5-Year Onsite Service NBD Fix
56F2H00	Lexmark MS/MX321, 421, 521, 622, MS621, MX522 Return Programme 15K Toner Cartridge	2362132	MX421 Per Call Prev Maint. with Kit
56F2H0E	Lexmark MS/MX321, 421, 521, 622, MS621, MX522 Corporate 15K Toner Cartridge	2365231	MX421 2-Year Onsite Service Renewal
56F2X0E	Lexmark MS/MX421, 521, 622, MS621, MX522 Corporate 20K Toner Cartridge	2365232	MX421 3-Year Onsite Service Renewal
56F0Z0E	Lexmark MS/MX321, 421, 521, 622, MX522, MS621, B/MB2338, 2442, 2546, 2650, M/XM1242, 1246, 3250 Corporate 60K Imaging Unit	2365233	MX421 4-Year Onsite Service Renewal
		2365234	MX421 2-Year Renewal Onsite Service NBD Fix
		2365235	MX421 3-Year Renewal Onsite Service NBD Fix
		2365236	MX421 4-Year Renewal Onsite Service NBD Fix
		P/N	User Replaceable Parts
		41X0918	Pick Tire
		40X9110	ADF Pick Roll pad

P/N	Paper Handling
36S2910	250-Sheet Tray
36S3110	550-Sheet Tray
36S3120	550-Sheet Lockable Tray

P/N	Furniture
3073173	Swivel cabinet (25 cm, incl. storage)
35S8502	Printer Stand (adjustable height)

P/N	Memory Options
57X9801	256 MB Flash Memory Card
57X9814	Korean Font Card
57X9815	Japanese Font Card
57X9812	Simplified Chinese Font Card
57X9810	Traditional Chinese Font Card

P/N	Application Solutions
40C9201	IPDS Card
40C9200	Forms and Bar Code Card
40C9202	Prescribe Card
57X0185	Lexmark Secure Element

P/N	Connectivity
27X6410	Lexmark MarkNet N8372 802.11 a/b/g/n/ac Wireless Print Server
1021294	USB Cable (2 meter)
SPD0002	Surge protective device

P/N	Extended Warranties
2362103	MX421 2-Years Total (1+1) Onsite Service
2362104	MX421 3-Years Total (1+2) Onsite Service
2362105	MX421 4-Years Total (1+3) Onsite Service
2362106	MX421 5-Years Total (1+4) Onsite Service
2362107	MX421 1-Year Onsite Service Renewal
2362108	MX421 1 Year Post Warranty Onsite Repair NBD Warranty
2362109	MX421 Per Call 1-Time NBD On Site Repair Warranty
2362110	MX421 Upgrade to Onsite Service NBD Fix
2362112	MX421 1-Year Onsite Service NBD Fix
2362113	MX421 2-Year Onsite Service NBD Fix