



Lexmark MX521de

Mid-size workgroups can work fast and still run economically with the MX521de, the up to 44 pages-per-minute* multifunction product with long-life components.

Part Number

36S0810

Print technology

Black & White Laser Printer

Functionality

Colour Scanning, Copying, Network Scanning, Printing

Workgroup size

Medium workgroup

Touch screen display

Yes

Display

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

Print speed (A4, black)

Up to 44 ppm⁶

Print speed (A4, black) duplex

Up to 22 spm⁶

Time to first page (black)

As fast as 6 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 44 cpm⁶

Copy speed (A4, black) duplex

Up to 23 spm⁶

Time to first copy (black)

As fast as 6 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

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

N/A kbps

Fax transmission speed

N/A

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

Debian GNU/Linux 7.0, 8.0, SUSE Linux Enterprise Server 10, 11, 12, openSUSE Linux 13.2, 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 2000 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

5

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

One Internal Card Slot, 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 local ports

Internal RS-232C serial, Internal 1284-B Bidirectional Parallel

Optional network ports

Marknet N8372 WiFi Option

Direct USB

Yes

Ethernet network

Yes

Wireless

Wireless Option

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, , 25,000-page Ultra High Yield Cartridge

Imaging unit yield

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

Cartridge(s) shipped with product

6000-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)

614 x 511 x 576 mm

Packaged weight

23.72 kg

Size (HxWxD)

477 x 489 x 429.5 mm

Weight

20.6 kg

Noise level, idle

14 dBA

Noise Level (Print), Operating

56 dBA

Duplex print noise level, operating

55 dBA

Noise Level (Copy), Operating

56 dBA

Noise Level (Scan), Operating

55 dBA

Quiet mode

51 dBA

Energy Star

Yes

Average power in Hibernate mode

0.1 Watt

Average power in Sleep mode

1.5 Watt

Average power in Ready mode

14.5 Watt

Average power while printing

620 Watt

Average power while printing duplex

385 Watt

Average power while copying

630 Watt

Average power while scanning

20 Watt

Energy Star Typical Electricity Consumption (TEC)

0.64 kWh per week

Product guarantee

1-Year Onsite Service, Next Business Day

Product certifications

ENERGY STAR, ICES-003 Class A, BSMI Class A, VCCI Class A, US FDA, UL 60950-1, FCC Class A, cUL CAN/CSA-C22.2 60950-1, NOM, CB EN/IEC 60950-1, CB EN/IEC 60825-1, CE DoC (EN 62301 Class A, 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, CEC, 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 120,000 pages per month³

Recommended monthly page volume

2,000 - 15,000 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	Standard	250-Sheet Input
4	Optional	250-Sheet Tray / 550-Sheet Tray

P/N	Toner Cartridges	P/N	Extended Warranties
56F0UA0	Lexmark MS/MX521, 622, MX522, MS621 25K Toner Cartridge	2362138	MX521 5-Years Total (1+4) Onsite Service
56F2000	Lexmark MS/MX321, 421, 521, 622, MX522, MS621 Return Programme 6K Toner Cartridge	2362139	MX521 1-Year Onsite Service Renewal
56F2X00	Lexmark MS/MX421, 521, 622, MS621, MX522 Return Programme 20K Toner Cartridge	2362140	MX521 1 Year Post Warranty Onsite Repair NBD Warranty
56F2U00	Lexmark MS/MX521, 622, MX522, MS621 Return Programme 25K Toner Cartridge	2362141	MX521 Per Call 1-Time NBD On Site Repair Warranty
56F0ZA0	Lexmark MS/MX321, 421, 521, 622, MX522, MS621, B/MB2338, 2442, 2546, 2650, M/XM1242, 1246, 3250 60K Imaging Unit	2362142	MX521 Upgrade to Onsite Service NBD Fix
56F0Z00	MS/MX32x, 42x, 52x, 62x, M/XM12xx, 32xx, B/MB2x Return Programme 60K Imaging Unit	2362144	MX521 1-Year Onsite Service NBD Fix
56F2H00	Lexmark MS/MX321, 421, 521, 622, MS621, MX522 Return Programme 15K Toner Cartridge	2362145	MX521 2-Year Onsite Service NBD Fix
56F2H0E	Lexmark MS/MX321, 421, 521, 622, MS621, MX522 Corporate 15K Toner Cartridge	2362146	MX521 3-Year Onsite Service NBD Fix
56F2X0E	Lexmark MS/MX421, 521, 622, MS621, MX522 Corporate 20K Toner Cartridge	2362147	MX521 4-Year Onsite Service NBD Fix
56F2U0E	Lexmark MS/MX521, 622, MX522, MS621 Corporate 25K Toner Cartridge	2362148	MX521 1-Year Renewal Onsite Service NBD Fix
56F0Z0E	Lexmark MS/MX321, 421, 521, 622, MX522, MS621, B/MB2338, 2442, 2546, 2650, M/XM1242, 1246, 3250 Corporate 60K Imaging Unit	2365260	MX521 6-Years Total (1+5) Onsite Service
		2367252	MX521 7-Years Total (1+6) Onsite Service
		2362164	MX521 Per Call Prev Maint. with Kit
		2365261	MX521 2-Year Onsite Service Renewal
		2365262	MX521 3-Year Onsite Service Renewal
		2365263	MX521 4-Year Onsite Service Renewal
		2365264	MX521 2-Year Renewal Onsite Service NBD Fix
		2365265	MX521 3-Year Renewal Onsite Service NBD Fix
		2365266	MX521 4-Year Renewal Onsite Service NBD Fix
		2369239	MX521 5-Year Onsite Service NBD Fix
		2369240	MX521 6-Year Onsite Service NBD Fix
P/N	Paper Handling		
36S2910	250-Sheet Tray		
36S3110	550-Sheet Tray		
36S3120	550-Sheet Lockable Tray		
P/N	Furniture	P/N	User Replaceable Parts
3073173	Swivel cabinet (25 cm, incl. storage)	41X0918	Pick Tire
35S8502	Printer Stand (adjustable height)	40X9110	ADF Pick Roll pad
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		
P/N	Connectivity		
27X6410	Lexmark MarkNet N8372 802.11 a/b/g/n/ac Wireless Print Server		
27X0912	Lexmark MarkNet™ N8230 Fiber Ethernet Print Server		
1021231	Parallel Cable (IEEE 1284 A-B, 3 meter)		
1021294	USB Cable (2 meter)		
27X0901	MS610de, MX51x, MX611 Parallel 1284-B Interface Card		
27X0900	MS610de, MX51x, MX611 RS-232C Serial Interface Card		
SPD0002	Surge protective device		
P/N	Extended Warranties		
2362135	MX521 2-Years Total (1+1) Onsite Service		
2362136	MX521 3-Years Total (1+2) Onsite Service		
2362137	MX521 4-Years Total (1+3) Onsite Service		