Lexmark MX521ade

Work fast and run economically with the MX521ade, the fax-equipped, up to 44 pages-per-minute multifunction product with long-life components.

Part Number
36S0830

Print technology
Black & White Laser Printer

Functionality
Colour Scanning, Copying, Faxing, 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 ppm[6]

Print speed (A4, black) duplex
Up to 22 spm[6]

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 cpm[6]

Copy speed (A4, black) duplex
Up to 23 spm[6]

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
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 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
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/m^2

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 protocols[1]
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 to[5]
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% coverage[4]

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 A, 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 120,000 pages per month[3]

Recommended monthly page volume
2,000 - 15,000 pages[2]

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

[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]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.

[5]Average standard page yield value declared in accordance with ISO/IEC 19752.

[6]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	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
56F0UA0	Lexmark MS/MX521, 622, MX522, MS621 25K Toner Cartridge
56F2000	Lexmark MS/MX321, 421, 521, 622, MX522, MS621 Return Programme 6K Toner Cartridge
56F2X00	Lexmark MS/MX421, 521, 622, MS621, MX522 Return Programme 20K Toner Cartridge
56F2U00	Lexmark MS/MX521, 622, MX522, MS621 Return Programme 25K Toner Cartridge
56F0ZA0	Lexmark MS/MX321, 421, 521, 622, MX522, MS621, B/MB2338, 2442, 2546, 2650, M/XM1242, 1246, 3250 60K Imaging Unit
56F0Z00	MS/MX32x, 42x, 52x, 62x, M/XM12xx, 32xx, B/MB2x Return Programme 60K Imaging Unit
56F2H00	Lexmark MS/MX321, 421, 521, 622, MS621, MX522 Return Programme 15K Toner Cartridge
56F2H0E	Lexmark MS/MX321, 421, 521, 622, MS621, MX522 Corporate 15K Toner Cartridge
56F2X0E	Lexmark MS/MX421, 521, 622, MS621, MX522 Corporate 20K Toner Cartridge
56F2U0E	Lexmark MS/MX521, 622, MX522, MS621 Corporate 25K Toner Cartridge
56F0Z0E	Lexmark MS/MX321, 421, 521, 622, MX522, MS621, B/MB2338, 2442, 2546, 2650, M/XM1242, 1246, 3250 Corporate 60K Imaging Unit

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

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
2362138	MX521 5-Years Total (1+4) Onsite Service
2362139	MX521 1-Year Onsite Service Renewal

P/N	Extended Warranties
2362140	MX521 1 Year Post Warranty Onsite Repair NBD Warranty
2362141	MX521 Per Call 1-Time NBD On Site Repair Warranty
2362142	MX521 Upgrade to Onsite Service NBD Fix
2362144	MX521 1-Year Onsite Service NBD Fix
2362145	MX521 2-Year Onsite Service NBD Fix
2362146	MX521 3-Year Onsite Service NBD Fix
2362147	MX521 4-Year Onsite Service NBD Fix
2362148	MX521 1-Year Renewal Onsite Service NBD Fix
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	User Replaceable Parts
41X0918	Pick Tire
40X9110	ADF Pick Roll pad