Lexmark MS321dn

Strike the perfect balance of performance and affordability in small-workgroup mono printing with the up to 36-pages-per-minute* Lexmark MS321dn, featuring standard two-sided printing, enhanced security and built-in durability.

Part Number
36S0110

Print technology
Black & White Laser Printer

Workgroup size
Small workgroup

Touch screen display
No

Display
2-line 128 x 32 pixel (APA) monochrome OLED display

Print speed (A4, black)
Up to 36 ppm[6]

Print speed (A4, black) duplex
Up to 19 spm[6]

Time to first page (black)
As fast as 6.5 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), 300 x 300 dpi, 600 x 600 dpi

Processor speed
1.0 GHz

Memory, standard
512 MB

Memory, maximum
512 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 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/m^2

Paper weight range supported - multipurpose feeder
60 - 216 g/m^2

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, B5 Envelope, C5 Envelope, 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)

Direct USB
No

Ethernet network
Yes

Wireless
No

Network protocol support
TCP/IP IPv4, TCP/IP IPv6, TCP, UDP

Network printing methods
LPR/LPD, Enhanced IP (Port 9400), 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, APIPA (AutoIP), DHCP, ICMP, DNS, DDNS, mDNS, ARP, NTP, Telnet, Finger,

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

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,

Imaging unit yield
Up to 60000 pages, based on average 3 pages per print job and 5% coverage[4]

Cartridge(s) shipped with product
2,000-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)
376 x 430 x 470 mm

Packaged weight
15.69 kg

Size (HxWxD)
260 x 399 x 374 mm

Weight
13.9 kg

Noise level, idle
14 dBA

Noise Level (Print), Operating
54 dBA

Duplex print noise level, operating
53 dBA

Quiet mode
51 dBA

Energy Star
Yes

Average power in Hibernate mode
0.1 Watt

Average power in Sleep mode
1.19 Watt

Average power in Ready mode
7 Watt

Average power while printing
520 Watt

Average power while printing duplex
315 Watt

Energy Star Typical Electricity Consumption (TEC)
0.47 kWh per week

Product guarantee
1-Year Return-to-Base Service

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 50000 pages per month[3]

Recommended monthly page volume
500 - 6000 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
43212105

[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	2-line LCD
2	Standard	100-Sheet Multipurpose Feeder
3	Standard	250-Sheet Input
4	Optional	250-Sheet Tray / 550-Sheet Tray

P/N	Toner Cartridges
56F0HA0	Lexmark MS/MX321 15K Toner Cartridge
56F2000	Lexmark MS/MX321, 421, 521, 622, MX522, MS621 Return Programme 6K 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
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
57X9814	Korean Font Card
57X9815	Japanese Font Card
57X9812	Simplified Chinese Font Card
57X9810	Traditional Chinese Font Card

P/N	Connectivity
1021294	USB Cable (2 meter)
SPD0002	Surge protective device

P/N	Extended Warranties
2361844	MS321 2-Years Total (1+1) Return-to-Base, 5-7 Business Days
2361845	MS321 3-Years Total (1+2) Return-to-Base, 5-7 Business Days
2361846	MS321 4-Years Total (1+3) Return-to-Base, 5-7 Business Days
2361847	MS321 5-Years Total (1+4) Return-to-Base, 5-7 Business Days
2361848	MS321 1-Year Return-to-Base Renewal, 5-7 Business Days
2361849	MS321 1-Year Post Warranty Return-to-Base, 5-7 Business Days
2361850	MS321 1-Year Per Call Return-to-Base, 5-7 Business Days
2361851	MS321 Upgrade to Onsite Service
2361859	MS321 Upgrade to Onsite Service NBD Fix
2361852	MS321 2-Years Total (1+1) Onsite Service
2361853	MS321 3-Years Total (1+2) Onsite Service
2361854	MS321 4-Years Total (1+3) Onsite Service
2361855	MS321 5-Years Total (1+4) Onsite Service
2361856	MS321 1-Year Onsite Service Renewal
2361857	MS321 1-Year Post Wty OSR NBD Ext Warranty
2361858	MS321 Per Call OSR 1 Time NBD Extended Warranty
2361860	MS321 1-Year Onsite Service NBD Fix
2361861	MS321 2-Year Onsite Service NBD Fix

P/N	Extended Warranties
2361862	MS321 3-Year Onsite Service NBD Fix
2361863	MS321 4-Year Onsite Service NBD Fix
2361864	MS321 1-Year Renewal Onsite Service NBD Fix
2364491	MS321 2-Year Return-to-Base Renewal, 5-7 Business Days
2364492	MS321 3-Year Return-to-Base Renewal, 5-7 Business Days
2364493	MS321 4-Year Return-to-Base Renewal, 5-7 Business Days
2364495	MS321 2-Year Onsite Service Renewal
2364496	MS321 3-Year Onsite Service Renewal
2364497	MS321 4-Year Onsite Service Renewal
2364498	MS321 2-Year Renewal Onsite Service NBD Fix
2364499	MS321 3-Year Renewal Onsite Service NBD Fix
2364500	MS321 4-Year Renewal Onsite Service NBD Fix
2364494	MS321 6-Years Total (1+5) Onsite Service
2364490	MS321 6-Years Total (1+5) Return-to-Base, 5-7 Business Days
2368870	MS321 5-Year Onsite Service NBD Fix

P/N	User Replaceable Parts
41X0918	Pick Tire