Lexmark MS421dw

Strike the perfect balance of performance and affordability in small-workgroup mono printing with the up to 40-pages-per-minute* Lexmark MS421dw, featuring standard two-sided printing, enhanced security and standard Wi-Fi.

Part Number
36S0228

Print Technology
Black & White Laser Printer

Workgroup Size
Small Workgroup

Touch Screen Display
No

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

Print Speed (A4, Black)
Up to 40 ppm[6]

Print Speed (A4, Black) Duplex
Up to 20 spm[6]

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), 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, 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

Included 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 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 - 216 gsm

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, 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 Ports
USB 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000), 802.11b/g/n Wireless

Direct USB
No

Ethernet Network
Yes

Wireless
Yes

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, IPSec

Printable Area (metric)
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

Laser Cartridge Yields (up to)[5]
6,000-page Cartridge, 15,000-page High Yield Cartridge, 20,000-page Extra High Yield Cartridge,

Imaging Unit Estimated Yield
Up to 60000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage[4]

Cartridge(s) Shipping with Product
3,000-page 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)
376 x 430 x 470 mm

Packaged Weight, kg
15.81 kg

Size (mm - H x W x D)
260 x 399 x 374 mm

Weight
14.0 kg

Noise level (Idle mode)
14 dBA

Noise Level (Print), Operating
55 dBA

Duplex Print Noise Level, Operating
54 dBA

Quiet Mode
52 dBA

ENERGY STAR
Yes

Average Power (Hibernate Mode)
0.1 watts

Average Power (Sleep Mode)
1.56 watts

Average Power (Ready Mode)
7.5 watts

Average Power (Printing)
570 watts

Average Power while Printing Duplex
345 watts

ENERGY STAR Typical Electricity Consumption (TEC)
0.58 kilowatt-hours 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, Wi-Fi CERTIFIED?, China Green Product (CGP)

Maximum Monthly Duty Cycle
Up to 100000 pages per month[3]

Recommended Monthly Page Volume
1000 - 10000 pages[2]

Specified Operating Environment
Temperature: 16 to 32°C (60 to 90°F), Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 5000 Metres (16,404 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
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.

Lexmark

P/N	Toner Cartridges
56F0XA0	Lexmark 56F0XA0 Black Extra High Yield Toner Cartridge
56F5000	Lexmark 56F5000 Black Return Program Toner Cartridge
56F5X00	Lexmark 56F5X00 Black Extra High Yield Return Program Toner Cartridge
56F0ZA0	Lexmark 56F0ZA0 Black Imaging Unit
56F0Z00	Lexmark 56F0Z00 Black Return Program Imaging Unit
56F5H00	Lexmark 56F5H00 Black High Yield Return Program Toner Cartridge
56F5H0E	Lexmark 56F5H0E Black High Yield Corporate Toner Cartridge
56F5X0E	Lexmark 56F5X0E Black Extra High Yield Corporate Toner Cartridge
56F0Z0E	Lexmark 56F0Z0E Corporate 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
35S8502	Adjustable Stand

P/N	Memory Options
57X9801	256MB 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 (2 Meter) Cable

P/N	Extended Warranties
2361891	MS421 2-Years Total (1+1) Return-to-Base, 5-7 Business Days
2361892	MS421 3-Years Total (1+2) Return-to-Base, 5-7 Business Days
2361893	MS421 4-Years Total (1+3) Return-to-Base, 5-7 Business Days
2361894	MS421 5-Years Total (1+4) Return-to-Base, 5-7 Business Days
2361895	MS421 1-Year Return-to-Base Renewal, 5-7 Business Days
2361896	MS421 1-Year Post Warranty Return-to-Base, 5-7 Business Days
2361897	MS421 1-Year Per Call Return-to-Base, 5-7 Business Days
2361898	MS421 Upgrade to Onsite Service
2361899	MS421 2-Years Total (1+1) Onsite Service
2361900	MS421 3-Years Total (1+2) Onsite Service
2361901	MS421 4-Years Total (1+3) Onsite Service
2361902	MS421 5-Years Total (1+4) Onsite Service
2361903	MS421 1-Year Onsite Service Renewal
2361904	MS421 1-Year Post Wty OSR NBD Ext Warranty
2361905	MS421 Per Call OSR 1 Time NBD Extended Warranty
2361891P	MS421 2-Years Total (1+1) Return-to-Base, 5-7 Business Days
2361892P	MS421 3-Years Total (1+2) Return-to-Base, 5-7 Business Days
2361893P	MS421 4-Years Total (1+3) Return-to-Base, 5-7 Business Days
2361894P	MS421 5-Years Total (1+4) Return-to-Base, 5-7 Business Days

P/N	Extended Warranties
2361895P	MS421 1-Year Return-to-Base Renewal, 5-7 Business Days
2361898P	MS421 Upgrade to Onsite Service
2361899P	MS421 2-Years Total (1+1) Onsite Service
2361900P	MS421 3-Years Total (1+2) Onsite Service
2361901P	MS421 4-Years Total (1+3) Onsite Service
2361902P	MS421 5-Years Total (1+4) Onsite Service
2361903P	MS421 1-Year Onsite Service Renewal
2364554	MS421 6-Years Total (1+5) Return-to-Base, 5-7 Business Days
2364558	MS421 6-Years Total (1+5) Onsite Service
2367088	MS421 7-Years Total (1+6) Onsite Service
2361927	MS421 Per Call Prev Maint. with Kit
2364555	MS421 2-Year Return-to-Base Renewal, 5-7 Business Days
2364555P	MS421 2-Year Return-to-Base Renewal, 5-7 Business Days
2364556	MS421 3-Year Return-to-Base Renewal, 5-7 Business Days
2364556P	MS421 3-Year Return-to-Base Renewal, 5-7 Business Days
2364557	MS421 4-Year Return-to-Base Renewal, 5-7 Business Days
2364557P	MS421 4-Year Return-to-Base Renewal, 5-7 Business Days
2364559	MS421 2-Year Onsite Service Renewal
2364559P	MS421 2-Year Onsite Service Renewal
2364560	MS421 3-Year Onsite Service Renewal
2364560P	MS421 3-Year Onsite Service Renewal
2364561	MS421 4-Year Onsite Service Renewal
2364561P	MS421 4-Year Onsite Service Renewal

P/N	User Replaceable Parts
41X0918	Pick Tire