



# Lexmark MX321adn

The Lexmark MX321adn prints at up to 38 ppm\* and offers fax, automatic document feeder, and copy functions, all powered by a standard multi-core processor.

**Part Number**

36S0665

**Print Technology**

Monochrome Laser

**Function**

Color Scanning, Copying, Faxing, Network Scanning, Printing

**Workgroup Size**

Small Workgroup

**Touch Screen Display**

No

**Display**

2.4-inch (60 mm) Color LCD display

**Print Speed (A4, Black)**

Up to 36 ppm<sup>6</sup>

**Print Speed (A4, Black) Duplex**

Up to 19 spm<sup>6</sup>

**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), 600 x 600 dpi

**Copy Speed (A4, Black)**

Up to 36 cpm<sup>6</sup>

**Copy Speed (A4, Black) Duplex**

Up to 19 spm<sup>6</sup>

**Time to First Copy (Black)**

As fast as 6.5 seconds

**Reduce / Enlarge Range**

25 - 400 %

**A4/Ltr Simplex Scan Speed (Black)**

Up to 42 / 45 sides per minute

**Scan Speed (A4/Ltr, Colour)**

Up to 20 / 22 sides per minute

**A4/Ltr Duplex Scan Speed (Black)**

Up to N/A sides per minute

**Duplex Scan Speed (A4/Ltr, Colour)**

Up to N/A sides per minute

**Scan Area, Maximum (mm)**

215.9 x 355.6 mm

**ADF Scan**

Simplex

**Scanner Type**

Flatbed scanner with ADF

**Scan Technology**

CIS

**Optical Scanning Resolution**

up to 600 X 600 ppi (color)

**Scan File Formats (Send as)**

JPEG, JPG, PDF, TIFF, XPS

**Scan Destinations**

e-mail, FTP, 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**

Debian GNU/Linux 7.0, 8.0, SUSE Linux Enterprise Desktop 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

**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

**ADF**

50-Sheet Automatic Document Feeder

**ADF Paper Input Capacity**

Up to 50 pages 75 gsm bond

**ADF Paper Output Capacity**

Up to 50 pages 75 gsm bond

**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)

**Optional Network Ports**

N/A

**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, Telnet, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol), Microsoft Web Services WSD, Pull Printing

**Network Management Protocols<sup>1</sup>**

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

**Network Security**

SNMPv3

**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, Microsoft XPS (XML Paper Specification), 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)<sup>5</sup>**

6,000-page Cartridge, 15,000-page 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<sup>4</sup>

**Cartridge(s) Shipping with Product**

2,500-page Return Program Toner Cartridge

**Replacement Cartridges:**

Product functions only with replacement cartridges designed for use in a specific geographical region. See [www.lexmark.com/](http://www.lexmark.com/) regions for more details.

**Packaged Size (mm - H x W x D)**

564 x 484 x 524 mm

**Packaged Weight, kg**

22.25 kg

**Size (mm - H x W x D)**

467 x 399 x 429.5 mm

**Weight**

19.4 kg

**Noise Level, Idle**

14 dBA

**Noise Level (Print), Operating**

54 dBA

**Duplex Print Noise Level, Operating**

53 dBA

**Noise Level (Copy), Operating**

54 dBA

**Noise Level (Scan), Operating**

55 dBA

**Quiet Mode**

51 dBA

**ENERGY STAR**

Yes

**Average Power (Hibernate Mode)**

0.1 watts

**Average Power (Sleep Mode)**

1.33 watts

**Average Power (Ready Mode)**

10.5 watts

**Average Power (Printing)**

520 watts

**Average Power while Printing Duplex**

325 watts

**Average Power (Copying)**

550 watts

**Average Power (Scanning)**

14.5 watts

**ENERGY STAR Typical Electricity****Consumption (TEC)**

0.52 kilowatt-hours per week

**Product Warranty**

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 50000 pages per month<sup>3</sup>

**Recommended Monthly Page Volume**

500 - 6000 pages<sup>2</sup>

**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/](http://www.lexmark.com/) printerlicense for details.

**Country of Origin**

US/Canada/LV LAD - Mexico, LA HV, AP & EMEA - PRC

**UNSPSC Code**

43212110

<sup>1</sup>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)

<sup>2</sup>"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.

<sup>3</sup>"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.

<sup>4</sup>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.

<sup>5</sup>Average standard page yield value declared in accordance with ISO/IEC 19752.

<sup>6</sup>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](http://www.lexmark.com/ISOspeeds).



| Callout | Availability | Description                   |
|---------|--------------|-------------------------------|
| 1       | Standard     | 2.4-inch (6-cm) LCD           |
| 2       | Standard     | 100-Sheet Multipurpose Feeder |
| 3       | Optional     | 550-Sheet Tray                |
| 4       | Optional     | 250-Sheet Input               |

| <b>P/N</b> | <b>Toner Cartridges</b>                                         |
|------------|-----------------------------------------------------------------|
| 56F0HA0    | Lexmark 56F0HA0 Black High Yield Toner Cartridge                |
| 56F3000    | Lexmark 56F3000 Black Return Program Toner Cartridge            |
| 56F0ZA0    | Lexmark 56F0ZA0 Black Imaging Unit                              |
| 56F0Z00    | Lexmark 56F0Z00 Black Return Program Imaging Unit               |
| 56F3H00    | Lexmark 56F3H00 Black High Yield Return Program Toner Cartridge |

| <b>P/N</b> | <b>Paper Handling</b>   |
|------------|-------------------------|
| 36S2910    | 250-Sheet Tray          |
| 36S3110    | 550-Sheet Tray          |
| 36S3120    | 550-Sheet Lockable Tray |

| <b>P/N</b> | <b>Furniture</b> |
|------------|------------------|
| 3073173    | Swivel Cabinet   |
| 35S8502    | Adjustable Stand |

| <b>P/N</b> | <b>Memory Options</b>   |
|------------|-------------------------|
| 57X9801    | 256MB Flash Memory Card |

| <b>P/N</b> | <b>Connectivity</b>               |
|------------|-----------------------------------|
| 1021294    | USB (2 Meter) Cable               |
| SPD0002    | Surge Protective Device, 220-240V |

| <b>P/N</b> | <b>Extended Warranties</b>                            |
|------------|-------------------------------------------------------|
| 2362071    | MX321 2-Years Total (1+1) Onsite Service              |
| 2362072    | MX321 3-Years Total (1+2) Onsite Service              |
| 2362073    | MX321 4-Years Total (1+3) Onsite Service              |
| 2362074    | MX321 5-Years Total (1+4) Onsite Service              |
| 2362075    | MX321 1-Year Onsite Service Renewal                   |
| 2362076    | MX321 1 Year Post Warranty Onsite Repair NBD Warranty |
| 2365192    | MX321 6-Years Total (1+5) Onsite Service              |
| 2367233    | MX321 7-Years Total (1+6) Onsite Service              |
| 2365193    | MX321 2-Year Onsite Service Renewal                   |
| 2365194    | MX321 3-Year Onsite Service Renewal                   |
| 2365195    | MX321 4-Year Onsite Service Renewal                   |

| <b>P/N</b> | <b>User Replaceable Parts</b> |
|------------|-------------------------------|
| 40X6247    | ADF Separator Pad             |
| 41X0918    | Pick Tire                     |
| 40X9110    | ADF Pick Roll pad             |