



Lexmark CX421adn

Part Number

42C7338

Print Technology

Colour Laser

Function

Colour Copying, Colour Faxing, Colour Printing, Colour Scanning

Workgroup Size

Small-Medium Workgroup

Touch Screen Display

No

Display

2.4-inch (60 mm) Colour LCD display

Print Speed (A4, Black)

Up to 23 ppm⁶

Print Speed (A4, Colour)

Up to 23 ppm⁶

Print Speed (A4, Black) Duplex

Up to 12 spm⁶

Print Speed (A4, Colour) Duplex

Up to 12 spm⁶

Time to First Page (Black)

As fast as <11.7 seconds

Time to First Page (Colour)

As fast as <11.7 seconds

Duplex (2-sided) Printing

Integrated Duplex

Print Resolution, Black

1200 x 1200 dpi, 4800 CQ (2400 x 600 dpi)

Print Resolution, Colour

1200 x 1200 dpi, 4800 CQ (2400 x 600 dpi)

Copy Speed (A4, Black)

Up to 23 cpm⁶

Copy Speed (A4, Colour)

Up to 23 cpm⁶

Copy Speed (A4, Black) Duplex

Up to 12 spm⁶

Copy Speed (A4, Colour) Duplex

Up to 12 spm⁶

Time to First Copy (Black)

As fast as 12.5 seconds

Time to First Copy (Colour)

As fast as 13 seconds

Reduce / Enlarge Range

25 - 400 %

A4/Ltr Simplex Scan Speed (Black)

Up to 47 / 50 sides per minute

Scan Speed (A4/Ltr, Colour)

Up to 30 / 32 sides per minute

A4/Ltr Duplex Scan Speed (Black)

Up to 21 / 23 sides per minute

Duplex Scan Speed (A4/Ltr, Colour)

Up to 13 / 14 sides per minute

Scan Area, Maximum (mm)

216 x 297 mm

ADF Scan

RADF (reversing Duplex)

Scanner Type

Flatbed scanner with ADF

Scan Technology

CIS

Optical Scanning Resolution

600 X 600 dpi (black), up to 600 X 600 dpi (colour)

Scan File Formats (Send as)

JPEG, JPG, PDF, Secure PDF, TIFF, BMP, 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

Quad 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

Included Paper Handling

250-Sheet Input, 150-Sheet Output Bin, Integrated Duplex, Single-Sheet Manual Feed

Optional Paper Handling

650-Sheet Duo Tray

Paper Input Capacity, Standard

Up to 250+1 pages 75 gsm bond

Paper Input Capacity, Maximum

Up to 900+1 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 - 200 gsm

Integrated Tray Card Stock Upper limit (grain long)

Cover - 216 gsm (74 lb), Index Bristol - 200 gsm (110 lb), Tag -200 gsm (122 lb)

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

4

Media Types Supported

Card Stock, Paper Labels, Plain Paper, Vinyl Labels, 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, Hagaki Card, Executive, Folio, JIS-B5, Legal, Letter, Universal, Oficio, A6

Standard Ports

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 Network Ports

Marknet N8372 WiFi Option

Direct USB

Yes

Ethernet Network

Yes

Network Protocol Support

TCP/IP IPv4, TCP/IP IPv6, TCP, UDP

Network Printing Methods

LPR/LPD, Direct IP (Port 9100), Enhanced IP (Port 9400), FTP, TFTP, FTP, ThinPrint .print integration, Telnet, 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, Bonjour, DDNS, mDNS, ARP, NTP, Telnet, Finger,

Network Security

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

Printable Area (metric)

4.2 mm of the top, bottom, right and left edges (within)

Printer Languages (Standard)

PCL 5c 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, 158 scalable PostScript fonts, 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.

Laser Cartridge Yields (up to)⁵

, 1,400-page Colour (CMY) Cartridges, 2,000-page Black Cartridge, 5,000-page Colour (CMY) Extra High Yield Cartridges, 8,500-page Black Extra High Yield Cartridge

Photoconductor Estimated Yield

Up to 40,000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage⁴

Cartridge(s) Shipping with Product

1,400-page Color (CMY) Return Program Toner Cartridge, 2,000-page Starter Return Program 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)

570 x 558 x 594 mm

Packaged Weight, kg

30.5 kg

Size (mm - H x W x D)

462 x 442 x 556 mm

Weight

26.8 kg

Noise Level, Idle

Inaudible dBA

Noise Level (Print), Operating

48 dBA

Duplex Print Noise Level, Operating

50 dBA

Noise Level (Copy), Operating

54 dBA

Noise Level (Scan), Operating

54 dBA

ENERGY STAR

No

Average Power (Hibernate Mode)

0.2 watts

Average Power (Sleep Mode)

2.2 watts

Average Power (Ready Mode)

38.5 watts

Average Power (Printing)

400 watts

Average Power while Printing Duplex

280 watts

Average Power (Copying)

425 watts

Average Power (Scanning)

25.0 watts

ENERGY STAR Typical Electricity Consumption (TEC)

1.1 kilowatt-hours per week

Product Warranty

1-Year Onsite Service, Next Business Day

Product Certifications

Blue Angel RAL-UZ-205, 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, 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, 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, GOST-R, SII, TER, China Green Product (CGP)

Maximum Monthly Duty Cycle

Up to 75000 pages per month³

Recommended Monthly Page Volume

800 - 6500 pages²

Specified Operating Environment

Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 3048 metres, Temperature: 10 to 32°C (50 to 90°F)

License/Agreement Terms

Printers are sold subject to certain license/agreement conditions. See www.lexmark.com/ printerlicense for details.

Country of Origin

China (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 continuous black or continuous composite CMY declared cartridge yield up to this number of standard pages in accordance with ISO/IEC 19798.

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 | 6 cm LCD |
| 2 | Optional | 650-Sheet Duo Tray |

| P/N | Toner Cartridges |
|------------|---|
| 78C30C0 | Lexmark 78C30C0 Cyan Return Programme Toner Cartridge |
| 78C0ZK0 | Lexmark 78C0ZK0 Black Return Programme Imaging Kit |
| 78C0ZV0 | Lexmark 78C0ZV0 Black and Color Return Programme Imaging Kit |
| 78C0Z10 | Lexmark 78C0Z10 Black Imaging Kit |
| 78C0Z50 | Lexmark 78C0Z50 Black and Colour Imaging Kit |
| 78C0W00 | Lexmark 78C0W00 Waste Toner Bottle |
| 78C30M0 | Lexmark 78C30M0 Magenta Return Programme Toner Cartridge |
| 78C30Y0 | Lexmark 78C30Y0 Yellow Return Programme Toner Cartridge |
| 78C30K0 | Lexmark 78C30K0 Black Return Programme Toner Cartridge |
| 78C3XC0 | Lexmark 78C3XC0 Cyan Extra High Yield Return Programme Toner Cartridge |
| 78C3XM0 | Lexmark 78C3XM0 Magenta Extra High Yield Return Programme Toner Cartridge |
| 78C3XY0 | Lexmark 78C3XY0 Yellow Extra High Yield Return Programme Toner Cartridge |
| 78C3XK0 | Lexmark 78C3XK0 Black Extra High Yield Return Programme Toner Cartridge |
| 78C0X20 | Lexmark 78C0X20 Cyan Extra High Yield Toner Cartridge |
| 78C0X30 | Lexmark 78C0X30 Magenta Extra High Yield Toner Cartridge |
| 78C0X40 | Lexmark 78C0X40 Yellow Extra High Yield Toner Cartridge |
| 78C0X10 | Lexmark 78C0X10 Black Extra High Yield Toner Cartridge |

| P/N | Paper Handling |
|------------|-----------------------|
| 50M7650 | 650-Sheet Duo Tray |

| P/N | Furniture |
|------------|------------------|
| 40C2300 | Adjustable Stand |
| 3073173 | Swivel Cabinet |

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

| P/N | Application Solutions |
|------------|------------------------------|
| 40C9200 | Forms and Bar Code Card |
| 40C9202 | Card for PRESCRIBE Emulation |

| P/N | Connectivity |
|------------|---|
| 27X6410 | Lexmark MarkNet N8372 802.11 a/b/g/n/ac Wireless Print Server |
| 1021294 | USB (2 Meter) Cable |
| SPD0002 | Surge Protective Device, 220-240V |

| P/N | Extended Warranties |
|------------|---|
| 2364152 | CX421 2-Years Total (1+1) Onsite Service |
| 2364153 | CX421 3-Years Total (1+2) Onsite Service |
| 2364154 | CX421 4-Years Total (1+3) Onsite Service |
| 2364155 | CX421 5-Years Total (1+4) Onsite Service |
| 2364156 | CX421 1-Year Onsite Service Renewal |
| 2364157 | CX421 1 Year Post Warranty Onsite Repair NBD Warranty |
| 2365566 | CX421 6-Years Total (1+5) Onsite Service |

| P/N | Extended Warranties |
|------------|--|
| 2365567 | CX421 2-Year Onsite Service Renewal |
| 2365568 | CX421 3-Year Onsite Service Renewal |
| 2365569 | CX421 4-Year Onsite Service Renewal |
| 2367368 | CX421 7-Years Total (1+6) Onsite Service |

| P/N | User Replaceable Parts |
|------------|-------------------------------|
| 41X0917 | ADF Separator Roll |