



MX320/MX420 Series

Reliability. Security. Productivity.



MX421ade



Lexmark MX320/MX420 Series

The MX320/420 Series offers print speeds up to 42 pages per minute*, plus fax, automatic document feeder, and copy functions powered by a standard multi-core processor and a full gigabyte of memory. And up to 350 sheets of standard input can grow to 900 with optional trays.



Get more done

- ▶ Fax, print, copy and scan with the power of a multi-core processor and 1 GB of memory.
- ▶ Print at up to 42 or 38 pages per minute (depending on model) and scan up to 45 images per minute.
- ▶ Intuitive 4.3-inch color touch screen (MX421ade) offers smooth, tablet-like interaction.
- ▶ 2.4-inch color LCD (MX321adn) lets you configure, interact and monitor vital system information.
- ▶ Built-in productivity apps (MX421ade) save time and improve efficiency.

Ready when you are

- ▶ Long-life fuser and imaging components extend uptime.
- ▶ Unison™ Toner replacement cartridges deliver up to 20,000 pages** of high-quality printing.
- ▶ Maximum input capacity of 900 pages means fewer interruptions.
- ▶ Durable metal frame is designed for longevity.

Robust, built-in security

- ▶ Lexmark's full-spectrum security architecture helps keep your information safe—on the document, the device, over the network, and everywhere in between.
- ▶ A range of embedded features harden device against attacks.
- ▶ Go beyond standard Confidential Print with optional security solutions like Print Release (available on MX421ade).
- ▶ Keypoint Intelligence - Buyers Lab honored Lexmark with a prestigious BLI PaceSetter award for Document Imaging Security***.



Built for planet earth

- ▶ Energy management features reduce power consumption in active use or sleep mode.
- ▶ Standard two-sided printing saves paper.
- ▶ Use of post-consumer recycled content in manufacturing saves natural resources.
- ▶ Device is rated EPEAT® Silver and ENERGY STAR® certified.
- ▶ Recycle cartridges through the award-winning Lexmark Cartridge Collection Program (LCCP).

*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.

**Average standard page yield value declared in accordance with ISO/IEC 19752.

***Award based on North America data.

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or

- 1 Multifunction product with 2.4-inch (6 cm) color display
18.4 x 15.7 x 16.9 inches
467 x 399 x 429.5 mm
- 3 550-sheet tray
5 x 15.7 x 14.7 inches
126 x 389 x 374 mm

- 2 Multifunction product with 4.3-inch (10.9 cm) color touch screen
18.4 x 15.7 x 16.9 inches
467 x 399 x 429.5 mm
- 4 250-sheet tray
3.7 x 15.7 x 14.7 inches
95 x 389 x 374 mm

■ Standard

■ Optional

Supports one optional tray.

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

Product specifications	Lexmark MX321adn	Lexmark MX321adw	Lexmark MX421ade
Printing			
Display	2.4-inch (60 mm) Color LCD display		Lexmark e-Task 4.3-inch (10.9 cm) color touch screen
Print Speed: Up to ⁶	Black: 38 ppm		Black: 42 ppm
Time to First Page: As fast as	Black: 6.5 seconds		Black: 6.25 seconds
Print Resolution	Black: 1200 Image Quality, 1200 x 1200 dpi, 2400 Image Quality, 600 x 600 dpi		
Memory / Processor	Standard: 1024 MB / Maximum: 1024 MB / Dual Core, 1000 MHz		
Hard Disk	Not Available		
Recommended Monthly Page Volume ²	500 - 6000 pages		1000 - 10000 pages
Maximum Monthly Duty Cycle: Up to ³	50000 pages per month		100000 pages per month
Copying			
Copy Speed: Up to ⁶	Black: 38 cpm		Black: 42 cpm
Time to First Copy: As fast as	Black: 6.5 seconds		Black: 6.25 seconds
Scanning			
Scanner Type / ADF Scan	Flatbed scanner with ADF / Simplex		Flatbed scanner with ADF / RADF (Reversing Duplex)
A4/Ltr Duplex Scan Speed: Up to	Black: N/A sides per minute / Color: N/A sides per minute		Black: 20 / 20 sides per minute / Color: 10.5 / 10.5 sides per minute
A4/Ltr Simplex Scan Speed: Up to	Black: 42 / 45 sides per minute / Color: 20 / 22 sides per minute		
ADF Paper Input Capacity: Up to	50 pages 20 lb or 75 gsm bond		
Faxing			
Modem Speed	ITU T.30, V.34 Half-Duplex, 33.6 Kbps		
Supplies⁷			
Laser Cartridge Yields (up to) ¹	6,000-page Cartridge, 15,000-page High Yield Cartridge		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		
Cartridge(s) Shipping with Product ¹	2,500-page Return Program Toner Cartridge		3,000-page starter Return Program Toner Cartridge
Paper Handling			
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: Up to	Standard: 350 pages 20 lb or 75 gsm bond / Maximum: 900 pages 20 lb or 75 gsm bond		
Paper Output Capacity: Up to	Standard: 150 pages 20 lb or 75 gsm bond / Maximum: 150 pages 20 lb or 75 gsm bond		
Media Types Supported	Card Stock, Envelopes, Paper Labels, Plain Paper, Transparencies, Refer to the Card Stock & Label 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		
General Information⁴			
Standard Ports	USB 2.0 Specification Hi-Speed Certified (Type B), Ethernet 10/100BaseTX (RJ-45), also works with 1000Base-T	USB 2.0 Specification Hi-Speed Certified (Type B), 802.11b/g/n Wireless, Ethernet 10/100BaseTX (RJ-45), also works with 1000Base-T	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	N/A		Marknet N8372 WiFi Option
Noise Level: Operating	Print: 54 dBA / Copy: 54 dBA / Scan: 55 dBA		Print: 55 dBA / Copy: 55 dBA / Scan: 55 dBA
Specified Operating Environment	Humidity: 8 to 80% Relative Humidity, Temperature: 10 to 32°C (50 to 90°F), Altitude: 0 - 5000 Meters (16,404 Feet)		
Limited Warranty - See Statement of Limited Warranty	1-Year Exchange, Onsite Service, Next Business Day		
Size (in. - H x W x D) / Weight (lb.)	18.4 x 15.7 x 16.9 in. / 42.8 lb.		

All information in this brochure is subject to change without notice. Lexmark is not liable for any errors or omissions.

¹Average standard page yield value declared in accordance with ISO/IEC 19752. ²Recommended 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. ³Maximum 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. ⁴Printers are sold subject to certain license/agreement conditions. See www.lexmark.com/printerlicense for details. ⁵Actual 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. 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. ⁷Product functions only with replacement cartridges designed for use in a specific geographical region. See www.lexmark.com/regions for more details.