



MS320/MS420 Series

Reliability. Security. Productivity.



MS421dn with optional tray



Lexmark MS320/MS420 Series

Strike the perfect balance of performance and affordability in small-workgroup mono printing with standard two-sided output, enhanced security and built-in durability. The Lexmark MS320/420 Series' multi-core processor supports output at up to 42 pages per minute* (38 pages per minute* for MS321dn), while long-lasting printing components reduce downtime. Plus, you can connect via standard USB or gigabit ethernet.



Get more done

- ▶ Tackle your printing workload with the power of a 1-GHz dual-core processor and 512 MB of memory.
- ▶ Get up to 42-page-per-minute printing (MS421dn) or 38-page-per-minute printing (MS321dn).
- ▶ Two-line LCD lets you configure, interact and monitor vital system information.
- ▶ Use media sizes from A6 to legal in the paper tray, plus smaller media and envelopes in the 100-sheet multipurpose feeder.

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.
- ▶ Standard Confidential Print feature (on MS421dn) helps ensure output security via simple PIN.
- ▶ 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 **Printer with 2-line display**
10.2 x 15.7 x 14.7 inches
260 x 399 x 374 mm
- 2 **550-sheet tray**
5 x 15.7 x 14.7 inches
126 x 389 x 374 mm

- 3 **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/](http://www.openssl.org/)).

Product specifications		Lexmark MS321dn	Lexmark MS421dn
Printing			
Display	2-line 128 x 32 pixel All Points Addressable (APA) monochrome OLED display		
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, 300 x 300 dpi, 600 x 600 dpi		
Memory / Processor	Standard: 512 MB / Maximum: 512 MB / 1.0 GHZ MHz	Standard: 512 MB / Maximum: 512 MB / 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	
Supplies ⁷			
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	2,000-page Starter 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: 300 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, B5 Envelope, C5 Envelope, DL Envelope, Executive, Folio, JIS-B5, Legal, Letter, Statement, Universal, Oficio, A6	10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, DL Envelope, Executive, Folio, JIS-B5, Legal, Letter, Statement, Universal, Oficio, A6	
General Information ⁴			
Standard Ports	USB 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000)		
Noise Level: Operating	Print: 54 dBA	Print: 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)	Temperature: 16 to 32°C (60 to 90°F), Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 5000 Meters (16,404 Feet)	
Limited Warranty - See Statement of Limited Warranty	1-Year Exchange, Return-to-Base Service		
Size (in. - H x W x D) / Weight (lb.)	10.2 x 15.7 x 14.7 in. / 30.6 lb.	10.2 x 15.7 x 14.7 in. / 30.9 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. 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. 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.