



# MS431dn

Productivity. Reliability. Security.



# MS431dn

Light, compact, and fast, the MS431dn supports output up to 42 pages per minute\*. Available Extra High Yield Unison™ toner offers up to 20,000 pages of output\*\*, while an optional 550-sheet tray supports longer print runs. A 1-GHz multi-core processor powers through big jobs, and Lexmark full-spectrum security helps protect sensitive information.

## Speedy, compact printing

- ▶ Get monochrome output at up to 42 pages per minute\*, with a first page as fast as 5.9 seconds.
- ▶ Tackle your printing workload with the power of a 1-GHz dual-core processor and 256 MB of memory.
- ▶ Compact dimensions of 8.7 inches high x 14.5 inches wide x 14.3 inches deep (222 mm high x 368 mm wide x 363 mm deep) helps it fit almost anywhere.

## Connect and control

- ▶ Connect via Gigabit Ethernet and USB.
- ▶ Two-line display lets you configure, interact with, and monitor vital system information.

## Sustained output, enduring quality

- ▶ Available Extra High Yield Unison™ toner provides up to 20,000 pages\*\* of output for more printing and less downtime.
- ▶ Optional paper tray increases total input capacity to 900 sheets to support longer print runs and enhanced media flexibility.

- ▶ Steel frame and lifetime imaging components mean long life and minimal maintenance.

## Robust, built-in security

- ▶ Lexmark's full-spectrum security architecture helps keep your information safe—in the document, on the device, over the network, and everywhere in between.
- ▶ A range of embedded features harden the device against attacks.
- ▶ Standard Confidential Print feature helps ensure output security via simple PIN.

## Save paper, save energy

- ▶ Automatic two-sided printing is standard.
- ▶ Built-in energy-saving modes help support ratings of EPEAT® Silver and ENERGY STAR® certified.
- ▶ The Lexmark Cartridge Collection Program (LCCP) and Lexmark Equipment Collection Program (LECP) minimize waste and support recycling (availability varies by country).

\* Print speeds measured in accordance with ISO/IEC 24734 (ESAT). For more information see: [www.lexmark.com/ISOspeeds](http://www.lexmark.com/ISOspeeds).

\*\* Average continuous mono declared yield in one-sided (simplex) mode up to this number of pages in accordance with ISO/IEC 19752. Actual yield will vary considerably based upon many factors. See [www.lexmark.com/yields](http://www.lexmark.com/yields) for more information.

# MS431dn



1 **Printer with 2-line display**  
8.7 x 14.5 x 14.3 in.  
222 x 368 x 363 mm

2 **100-Sheet multipurpose feeder**  
Dimensions included as part of base model

3 **250-Sheet tray**  
Dimensions included as part of base model

4 **550-Sheet Tray**  
4.2 x 14.6 x 14.9 in.  
107 x 370 x 378 mm

 Standard  
 Optional

Supports one optional 550-sheet tray.

All measurements are shown as height x width x depth. For more information about supported configurations, refer to the Printer, Option and Stand Compatibility Guide at [http://www.lexmark.com/publications/furniture\\_safety/](http://www.lexmark.com/publications/furniture_safety/)

Product Specifications		Lexmark MS431dn
<b>Printing</b>		
Display	2-line All Points Addressable (APA) monochrome LCD display	
Print Speed	Up to: Black: 42 ppm <sup>1</sup> (Letter)	
Time to First Page	As fast as: Black: 5.9 seconds	
Print Resolution	Black: 2400 Image Quality, 600 x 600 dpi	
Memory	Standard: 256 MB / Maximum: 256 MB	
Hard Disk	Not Available	
Recommended Monthly Page Volume	800 - 8000 pages <sup>2</sup>	
Maximum Monthly Duty Cycle	Up to: 80000 pages per month <sup>3</sup>	
<b>Supplies<sup>4</sup></b>		
Laser Cartridge Yields	up to: 3,000 <sup>5</sup> -page Cartridge / up to: 15,000 <sup>5</sup> -page High Yield Cartridge / up to: 20,000 <sup>5</sup> -page Black Extra High Yield Cartridge	
Imaging Unit Estimated Yield	Up to: 40000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage <sup>6</sup>	
Cartridge(s) Shipping with Product	3,000 <sup>5</sup> -page starter Return Program Toner Cartridge	
<b>Paper Handling</b>		
Included Paper Handling	100-Sheet Multipurpose Feeder, Integrated Duplex, 150-Sheet Output Bin, 250-Sheet Input	
Optional Paper Handling	550-Sheet 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	Paper Labels, Card Stock, Plain Paper, Envelopes, Refer to the Paper & Specialty Media Guide	
Media Sizes Supported	A6, Oficio, 7 3/4 Envelope, 9 Envelope, JIS-B5, A4, Legal, A5, Letter, B5 Envelope, Statement, C5 Envelope, Executive, Universal, DL Envelope, Folio, 10 Envelope	
<b>General Information<sup>7</sup></b>		
Standard Ports	Gigabit Ethernet (10/100/1000), USB Compatible with USB 2.0 Specification (Type B)	
Noise Level	Operating: 53 dBA (Print)	
Specified Operating Environment	Humidity: 8 to 80% Relative Humidity / Temperature: 10 to 32°C (50 to 90°F) / Altitude: 0 - 2896 Meters (9,500 Feet)	
Limited Warranty	See Statement of Limited Warranty: 1-Year Advanced Exchange, Next Business Day	
Size / Weight	H x W x D: 8.7 x 14.5 x 14.3 in. / 20.6 lb.	
ENERGY STAR Typical Electricity Consumption	TEC: 0.47 kilowatt-hours per week	

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

<sup>1</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).

<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> Product functions only with replacement cartridges designed for use in a specific geographical region. See [www.lexmark.com/regions](http://www.lexmark.com/regions) for more details. <sup>5</sup> Average standard page yield value declared in accordance with ISO/IEC 19752. <sup>6</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>7</sup> Printers are sold subject to certain license/agreement conditions. See [www.lexmark.com/printerlicense](http://www.lexmark.com/printerlicense) for details.

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

