



# Lexmark MX431adn

Productivity. Reliability. Security.



# Lexmark MX431adn

Light, compact, and fast, the MX431adn multifunction supports output up to 42 pages per minute\*, plus double-side automatic scanning, copying, faxing and touch-screen convenience. Connect via USB or Gigabit Ethernet and add an optional 550-sheet paper tray or available Extra High Yield Unison™ toner offering up to 20,000 pages of output\*\*.

## Compact monochrome versatility

- ▶ Get monochrome output at up to 42 pages per minute\*, with a first page as fast as 5.9 seconds.
- ▶ Capture documents with double-side automatic scanning at up to 96 letter-size images per minute.
- ▶ Tackle your workload with the power of a 1-GHz dual-core processor and 512 MB of memory.
- ▶ Compact dimensions of 13.3 inches high x 16.2 inches wide x 14.4 inches deep (339 mm high x 411 mm wide x 366 mm deep) help it fit almost anywhere.



## Connect and command

- ▶ Connect via Gigabit Ethernet and USB.
- ▶ Take command of printing, copying, faxing, and automatic two-sided scanning with a 2.8-inch (7.2 cm) color touch screen.
- ▶ Built-in cloud connectors help you save scans to and retrieve files from popular cloud services Box, DropBox, Google Drive, and Microsoft OneDrive.

## Sustained output, enduring quality

- ▶ Available Extra High Yield Unison™ toner provides up to 20,000 pages\*\* of output sheets 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 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).

\*\* 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.

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1 Multifunction product with 2.8-inch (7.2 cm) touch screen  
13.3 x 16.2 x 14.4 in.  
339 x 411 x 366 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 MX431adn |
|---|---|------------------|
| <b>Printing</b>                             |   |                  |
| Display                                     | 2.8 inch (7.2 cm) LCD touch panel   |                  |
| 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 IQ (2400 x 600 dpi), 600 x 600 dpi  |                  |
| Memory                                      | Standard: 512 MB / Maximum: 512 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>Copying</b>                              |   |                  |
| Copy Speed                                  | Up to: Black: 42 cpm <sup>1</sup> (Letter)  |                  |
| Time to First Copy                          | As fast as: Black: 5.9 seconds  |                  |
| <b>Scanning</b>                             |   |                  |
| Scanner Type / ADF Scan                     | Flatbed scanner with ADF / DADF (single pass Duplex)  |                  |
| A4/Ltr Duplex Scan Speed                    | Up to: Black: 92 / 96 sides per minute / Color: 40 / 42 sides per minute  |                  |
| A4/Ltr Simplex Scan Speed                   | Up to: Black: 46 / 48 sides per minute / Color: 20 / 21 sides per minute  |                  |
| ADF Paper Input Capacity                    | Up to: 50 pages 20 lb or 75 gsm bond  |                  |
| <b>Faxing</b>                               |   |                  |
| Modem Speed                                 | ITU T.30, V.34 Half-Duplex, 33.6 Kbps   |                  |
| <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 Black 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, Statement, 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) / 59 dBA (Copy) / 58 dBA (Scan)   |                  |
| 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: 13.3 x 16.2 x 14.4 in. / 28.2 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/>).

