



# Lexmark MS331dn

Light, compact, and fast, the MS331dn supports output up to 40 pages per minute\*, multiple connectivity options, and an optional 550-sheet paper tray.

## Part Number

29S0000

## Print Technology

Monochrome Laser

## Workgroup Size

Small Workgroup

## Touch Screen Display

No

## Display

2-line All Points Addressable (APA) monochrome LCD display

## Print Speed (Letter, Black)

Up to 40 ppm<sup>6</sup>

## Print Speed (Letter, Black) Duplex

Up to 17 spm<sup>6</sup>

## Time to First Page (Black)

As fast as 6.2 seconds

## Duplex (2-sided) Printing

Integrated Duplex

## Print Resolution, Black

2400 IQ (2400 x 600 dpi), 600 x 600 dpi

## Processor Speed

Dual Core, 1.0 GHz

## Memory, Standard

256 MB

## Memory, Maximum

256 MB

## Hard Disk

Not Available

## Apple Operating Systems Supported

Support is provided through AirPrint and AirScan only

## Citrix MetaFrame

Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Microsoft Windows Server 2008 and 2008 X64 Edition with Citrix XenApp 5.0, Microsoft Windows Server 2008 R2 with Citrix XenApp 6.0, 6.5, Microsoft Windows Server 2012 with Citrix XenApp 6.0, 6.5, Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame Presentation Server 4.0

## Linux Operating Systems Supported

openSUSE Linux 42.3, Fedora 27, 28, 29, Ubuntu 16.04, 18.04 LTS, Red Hat Enterprise Linux WS 6.10, 7.5, 7.6, Debian 9.4, 9.5, 9.6, Debian GNU/Linux 8.11, openSUSE Linux 15, SUSE Linux Enterprise Server 12 SP3, SUSE Linux Enterprise Server 12 SP4, SUSE Linux Enterprise Server 15

## Microsoft Windows Operating Systems

### Supported

Windows 7, Windows 7 x64, Windows 8, Windows 8.1, Windows 8.1 x64, Windows 10, Windows Server 2016, Windows Server 2019

### Novell Operating Systems Supported

Novell NetWare 6.5 Open Enterprise Server, Novell Open Enterprise Server 2 (SP3) on SuSE Linux Enterprise Server 10 SP4 (x86 and x64) 3, Novell Open Enterprise Server 11 (SP3) on SuSE Linux Enterprise Server 11 SP4 (x86 and x64), Novell Open Enterprise Server 11 (SP3) on SuSE Linux Enterprise Server 12 SP1 (x86 and x64), Novell Open Enterprise Server 15 (SP1) on SuSE Linux Enterprise Server 11 SP4 (x86 and x64)

### Included Paper Handling

250-Sheet Input, 100-Sheet Multipurpose Feeder, 150-Sheet Output Bin, Integrated Duplex

### Optional Paper Handling

550-Sheet Tray

### Paper Input Capacity, Standard

Up to 350 pages 20 lb or 75 gsm bond

### Paper Input Capacity, Maximum

Up to 900 pages 20 lb or 75 gsm bond

### Paper Output Capacity, Standard

Up to 150 pages 20 lb or 75 gsm bond

### Paper Output Capacity, Maximum

Up to 150 pages 20 lb or 75 gsm bond

### Paper Weight Range Supported - Standard

Tray (lb.)

16 - 32 lb.

### Paper Weight Range Supported - Multipurpose

Feeder (lb.)

16 - 58 lb.

### Finishing Option

No

### Number of Paper Inputs, Standard

2

### Number of Paper Inputs, Maximum

3

### Media Types Supported

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

### Standard Ports

Ethernet 10/100BaseTX (RJ-45), USB Compatible with USB 2.0 Specification (Type B)

### Direct USB

No

## Ethernet Network

Yes

## Wireless

No

## Network Protocol Support

TCP/IP IPv4, TCP/IP IPv6, TCP, UDP, IPSEC w/ IPv4, IPSEC w/ IPv6, ICMP, IGMP, 802.1x

## Network Printing Methods

LPR/LPD, Enhanced IP (Port 9400), FTP, TFTP, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol), Microsoft Web Services WSD

## Network Management Protocols<sup>1</sup>

HTTP, HTTPs (SSL/TLS), SNMPv1, SNMPv2c, SNMPv3, WINS, IGMP, BOOTP, RARP, DHCP, ICMP, DNS, SMTP, DDNS, mDNS, ARP, NTP, Telnet, Finger,

## Network Security

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

## Printable Area

0.2 inches of the top, bottom, right and left edges (within)

## Printer Languages (Standard)

PCL 5c Emulation, PCL 5e Emulation, PCL 6 Emulation, PostScript 3 Emulation, Direct Image, PDF 1.7 emulation

## Fonts and Symbol Sets

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 2 PCL bitmap fonts, 89 scalable PostScript fonts, OCR-A, OCR-B scalable PCL 5e fonts, For more information, refer to the Technical Reference., 89 scalable PCL fonts

## Laser Cartridge Yields (up to)<sup>5</sup>

3,000-page Cartridge, 15,000-page 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>4</sup>

## Cartridge(s) Shipping with Product

1,500-page Return Program Toner Cartridge

## Replacement Cartridges:

Product functions only with replacement cartridges designed for use in a specific geographical region. See [www.lexmark.com/](http://www.lexmark.com/) regions for more details.

## Packaged Size (in. - H x W x D)

11.02 x 16.14 x 16.54 in.

## Packaged Weight (lb.)

23.19 lb.

## Size (in. - H x W x D)

8.7 x 14.5 x 14.3 in.

## Weight (lb.)

20.6 lb.

**Noise Level, Idle**

14 dBA

**Noise Level (Print), Operating**

53 dBA

**Duplex Print Noise Level, Operating**

50 dBA

**ENERGY STAR**

Yes

**Average Power (Hibernate Mode)**

0.1 watts

**Average Power (Sleep Mode)**

0.9 watts

**Average Power (Ready Mode)**

5.5 watts

**Average Power (Printing)**

550 watts

**ENERGY STAR Typical Electricity Consumption (TEC)**

0.45 kilowatt-hours per week

**Limited Warranty - See Statement of Limited Warranty**

1-Year Advanced Exchange, Next Business Day

**Product Certifications**

ENERGY STAR, ICES-003 Class B, BSMI Class B, US FDA, UL 60950-1, FCC Class B, cUL CAN/CSA-C22.2 60950-1, NOM, 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, EuP, 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, TED, GOST-R, SII, TER, DE-UZ 205, China Green Product (CGP)

**Maximum Monthly Duty Cycle**

Up to 50000 pages per month<sup>3</sup>

**Recommended Monthly Page Volume**

500 - 5000 pages<sup>2</sup>

**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)

**License/Agreement Terms**

Printers are sold subject to certain license/agreement conditions. See [www.lexmark.com/printerlicense](http://www.lexmark.com/printerlicense) for details.

**Country of Origin**

China (PRC)

**UNSPSC Code**

43212105

**Harmonized Tariff Code**

8443.32.1010

<sup>1</sup>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)

<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>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>5</sup>Average standard page yield value declared in accordance with ISO/IEC 19752.

<sup>6</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).



Callout	Availability	Description
1	Standard	2-Line LCD
2	Standard	100-Sheet Multipurpose Feeder
3	Standard	250-Sheet Input
4	Optional	550-Sheet Tray

<b>P/N</b>	<b>Toner Cartridges</b>
55B0HA0	Lexmark 55B0HA0 High Yield Toner Cartridge
55B1000	Lexmark 55B1000 Return Program Toner Cartridge
55B1H00	Lexmark 55B1H00 High Yield Return Program Toner Cartridge
55B0ZA0	Lexmark 55B0ZA0 Photoconductor Unit
55B100E	Lexmark 55B100E Contract Toner Cartridge
55B1H0E	Lexmark 55B1H0E High Yield Contract Toner Cartridge

<b>P/N</b>	<b>Paper Handling</b>
29S0600	550-Sheet Tray

<b>P/N</b>	<b>Furniture</b>
3073173	Swivel Cabinet
35S8502	Adjustable Printer Stand

<b>P/N</b>	<b>Connectivity</b>
1021294	USB Cable (2-meter)

<b>P/N</b>	<b>Extended Warranties</b>
2371674	MS331 2-Years Total (1+1) Exchange Service
2371675	MS331 3-Years Total (1+2) Exchange Service
2371676	MS331 4-Years Total (1+3) Exchange Service
2371677	MS331 5-Years Total (1+4) Exchange Service
2371678	MS331 6-Years Total (1+5) Exchange Service
2371679	MS331 7-Years Total (1+6) Exchange Service
2371680	MS331 1-Year Exchange Service Renewal
2371681	MS331 2-Year Exchange Service Renewal
2371682	MS331 3-Year Exchange Service Renewal
2371683	MS331 4-Year Exchange Service Renewal
2371684	MS331 Per Call 1 Time NBD Exchange Extended Warranty
2371685	MS331 1-Year Post Wty NBD Exchange Extended Warranty
2371701	MS331 Upgrade to Onsite Service
2371703	MS331 2-Years Total (1+1) Onsite Service
2371704	MS331 3-Years Total (1+2) Onsite Service
2371705	MS331 4-Years Total (1+3) Onsite Service
2371706	MS331 5-Years Total (1+4) Onsite Service
2371707	MS331 6-Years Total (1+5) Onsite Service
2371708	MS331 7-Years Total (1+6) Onsite Service
2371709	MS331 1-Year Onsite Service Renewal
2371710	MS331 2-Year Onsite Service Renewal
2371711	MS331 3-Year Onsite Service Renewal
2371712	MS331 4-Year Onsite Service Renewal
2371713	MS331 Per Call OSR 1 Time NBD Extended Warranty
2371714	MS331 1-Year Post Wty OSR NBD Ext Warranty

<b>P/N</b>	<b>Extended Warranties</b>
2371727	MS331 1-Year Lite Onsite Service
2371728	MS331 2-Year Lite Onsite Service
2371729	MS331 3-Year Lite Onsite Service
2371730	MS331 4-Year Lite Onsite Service
2371731	MS331 5-Year Lite Onsite Service
2371732	MS331 6-Year Lite Onsite Service
2371733	MS331 1-Year Lite Onsite Service Renewal
2371734	MS331 2-Year Lite Onsite Service Renewal
2371735	MS331 3-Year Lite Onsite Service Renewal
2371736	MS331 4-Year Lite Onsite Service Renewal