LEXMARK MS312dn

In the Box

- Lexmark MS312dn laser printer
- Up to 1,500 pages* return program toner cartridge
- Up to 60,000 pages** return program imaging unit.
- Software and documentation CD
- Setup guide or sheet (network and local attachment)
- Power cord(s)
- Statement of limited warranty
- Stability sheet and safety sheet or booklet
- Lexmark Cartridge Collection Program information
-

*Average Continuous Cartridge Yield in one-sided (simplex) mode 1,500 standard pages. Declared yield value in accordance with ISO/IEC 19752.

**Imaging Unit yield based on 3 average letter/A4-size pages per print job and approximately 5% coverage. 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.

Ethernet, USB or parallel cable not included.

Box contents may vary by country and/or reseller. Subject to change without notice.

Tech Specs

Part Number
35S0060

Print Technology
Monochrome Laser

Workgroup Size
Small Workgroup

Touch Screen Display
No

Display
3- line All Points Addressable (APA) monochrome LCD display

Print Speed (Letter, Black)
Up to 35 ppm6

Print Speed (Letter, Black) Duplex
Up to 16 spm6

Time to First Page (Black)
As fast as 6.5 seconds

Duplex (2-sided) Printing
Integrated Duplex

Print Resolution, Black
> 1200 Image Quality
>
> 1200 x 1200 dpi
>
> 2400 Image Quality
>
> 600 x 600 dpi

Processor
> Dual Core, 800 MHz

Memory, Standard
> 128 MB

Memory, Maximum
> 128 MB

Hard Disk
> Not Available

Apple Operating Systems Supported
> Apple OS X (10.6, 10.7, 10.8, 10.9, 10.10)

Linux Operating Systems Supported
> SUSE Linux Enterprise Server 10, 11
>
> SUSE Linux Enterprise Desktop 10, 11
>
> Red Flag Linux Desktop 6.0
>
> Linpus Linux Desktop 9.6
>
> Debian GNU/Linux 5.0, 6.0
>
> Red Hat Enterprise Linux WS 4.0, 5.0, 6.0
>
> Ubuntu 11.04, 11.10, 12.04, 12.10
>
> openSUSE 11.3, 11.4, 12.1, 12.2
>
> PCLinuxOS 2011
>
> Mint 9, 10, 11, 12, 13
>
> Fedora 16, 17, 18

Microsoft Windows Operating Systems Supported
> Windows XP
>
> Windows Server 2003
>
> Windows XP x64
>
> Windows Server 2003 x64

Windows Vista

Windows Vista x64

Windows Server 2008

Windows Server 2008 x64

Windows 7

Windows 7 x64

Windows Server 2008 R2

Windows 8

Windows 8 x64

Windows Server 2012

Windows 8.1

Windows 8.1 x64

Windows Server 2012 R2

Windows RT

Windows RT 8.1

Novell Operating Systems Supported

Novell NetWare 6.5 Open Enterprise Server

Novell NetWare 5.1(SP 6+), 6.0(SP 3+) with Novell Distributed Print Services (NDPS)

Novell Open Enterprise Server on SUSE Linux Enterprise Server

UNIX Operating Systems Supported

HP-UX 11.11, 11.23, 11.31

Sun Solaris SPARC 9, 10, 11

Sun Solaris x86 10, 11

IBM AIX 5.3, 6.1, 7.1

Included Paper Handling

250-Sheet Input

50-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, Standard

Up to 300 pages 20 lb or 75 gsm bond

Paper Input Capacity, Maximum

Up to 850 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 - 24 lb.

Paper Weight Range Supported - Multipurpose Feeder (lb.)

16 - 43 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

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

Standard Ports

Centronics IEEE 1284 Bidirectional Parallel

USB 2.0 Specification Hi-Speed Certified (Type B)

Ethernet 10/100BaseTX (RJ-45), also works with 1000Base-T

Optional Network Ports

External MarkNet N7020e Gigabit Ethernet

MarkNet N8352 802.11b/g/n Wireless

Direct USB

No

Ethernet Network

Yes

Network Protocol Support

TCP/IP IPv4

AppleTalk™

TCP/IP IPv6

TCP

UDP

Network Printing Methods

LPR/LPD

Direct IP (Port 9100)

Enhanced IP (Port 9400)

FTP, TFTP

ThinPrint .print integration

IPP 1.0, 1.1, 2.0 (Internet Printing Protocol)

Microsoft Web Services WSD

Pull Printing

Network Management Protocols1

HTTP

HTTPs (SSL/TLS)

SNMPv1, SNMPv2c

SNMPv3

WINS

IGMP

APIPA (AutoIP)

DHCP

ICMP

DNS

Bonjour

DDNS

mDNS

ARP

NTP

Telnet

Finger

Network Security

SNMPv3

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

IPSec

Printable Area

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

Printer Languages (Standard)

PCL 5e Emulation

PCL 6 Emulation

Personal Printer Data Stream (PPDS)

PostScript 3 Emulation

Direct Image

Microsoft XPS (XML Paper Specification)

AirPrint™

Fonts and Symbol Sets

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide

2 PCL bitmap fonts

39 scalable PPDS fonts

5 PPDS bitmap fonts

84 scalable PCL fonts

OCR-A, OCR-B scalable PCL 5e fonts

For more information, refer to the Technical Reference.

91 scalable PostScript fonts

Laser Cartridge Yields (up to)5
　　1,500-page Cartridge
　　5,000-page Black High Yield Cartridge

Imaging Unit Estimated Yield
　　Up to 60000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage4

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/regions for more details.

Packaged Size (in. - H x W x D)
　　15.0 x 17.0 x 18.6 in.

Packaged Weight (lb.)
　　34.85 lb.

Size (in. - H x W x D)
　　10.3 x 15.7 x 15.0 in.

Weight (lb.)
　　30.9 lb.

Noise Level, Idle
　　15 Dba

Noise Level (Print), Operating
　　53 dBA

Duplex Print Noise Level, Operating
　　52 dBA

ENERGY STAR
　　Yes

Average Power (Hibernate Mode)
　　0.5 watts

Average Power (Sleep Mode)
　　3 watts

Average Power (Ready Mode)
　　7 watts

Average Power (Printing)

520 watts

ENERGY STAR Typical Electricity Consumption (TEC)
1.6 kilowatt-hours per week

Limited Warranty - See Statement of Limited Warranty
1- Year Exchange Service

Product Certifications
ENERGY STAR, Blue Angel RAL-UZ-171, ICES-003 Class B, BSMI Class B, VCCI Class B, US FDA, UL 60950-1, FCC Class B, cUL CAN/CSA-C22.2 60950-1, 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, GS mark, EC 1275, MET-I, ISO 532B, ECMA-370, Customs Union EAC, SII, TER

Maximum Monthly Duty Cycle
Up to 50000 pages per month[3]

Recommended Monthly Page Volume
500 - 2500 pages[2]

Specified Operating Environment
Temperature: 16 to 32°C (60 to 90°F)

Humidity: 8 to 80% Relative Humidity

Altitude: 0 - 2896 Meters (9,500 Feet)

License/Agreement Terms
Printers are sold subject to certain license/agreement conditions. See www.lexmark.com/printerlicense for details.

Country of Origin
China (PR)

UNSPSC Code
43212105

Harmonized Tariff Code
8443.32.1010

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

[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.

[4]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.

[5]Average standard page yield value declared in accordance with ISO/IEC 19752.