



Lexmark MX812dfe

Meet our high performance star. The Lexmark MX812dfe saves time with blazing-fast processor, print, copy and scan speeds, and gives you the edge with solutions, a staple finisher and two-sided printing.

Part Number

24T8090

Print Technology

Black & White Laser Printer

Function

Colour Scanning, Copying, Faxing, Network Scanning, Printing

Workgroup Size

Large Workgroup

Touch Screen Display

Yes

Display

Lexmark e-Task 10-inch (25 cm) class colour touch screen

Print Speed (A4, Black)

Up to 66 ppm⁶

Print Speed (A4, Black) Duplex

Up to 40 spm⁶

Time to First Page (Black)

As fast as 4.0 seconds

Duplex (2-sided) Printing

Integrated Duplex

Print Resolution, Black

1200 IQ (1200 x 600 dpi), 1200 x 1200 dpi, 2400 IQ (2400 x 600 dpi), 600 x 600 dpi

Copy Speed (A4, Black)

Up to 66 cpm⁶

Copy Speed (A4, Black) Duplex

Up to 40 spm⁶

Time to First Copy (Black)

As fast as 4 seconds

Reduce / Enlarge Range

25 - 400 %

A4/Ltr Simplex Scan Speed (Black)

Up to 66 / 70 sides per minute

A4/Ltr Simplex Scan Speed (Colour)

Up to 66 / 70 sides per minute

A4/Ltr Duplex Scan Speed (Black)

Up to 132 / 140 sides per minute

A4/Ltr Duplex Scan Speed (Colour)

Up to 132 / 140 sides per minute

Scan Area, Maximum (mm)

215.9 x 355.6 mm

ADF Scan

DADF (single pass Duplex)

Scanner Type

Flatbed scanner with ADF

Scan Technology

CCD

Optical Scanning Resolution

600 X 600 dpi (black), up to 600 X 600 ppi (colour)

Scan File Formats (Send as)

JPEG, JPG, PDF, Secure PDF, TIFF, XPS, Archival PDF (A-1a, A-1b), Searchable PDF (optional OCR with 1GB RAM and hard disk required), Highly compressed PDF (1GB RAM and hard disk required)

Scan Destinations

e-mail, FTP, USB Flash drive, USB or Network connected computer, Lexmark Document Solutions Suite (LDSS)

Modem Speed

ITU T.30, V.34 Half-Duplex, 33.6 Kbps

Fax Transmission Speed

< 3 seconds per page

Processor

Dual Core, 0.8 MHz

Memory, Standard

1024 MB

Memory, Maximum

3072 MB

Hard Disk

Included in configuration

Apple Operating Systems Supported

Apple OS X (10.5, 10.6, 10.7, 10.8, 10.9, 10.10)

Citrix MetaFrame

Microsoft Windows Server 2003 running Terminal Services with Citrix Presentation Server 3.0, 4.0, 4.5, Microsoft Windows Server 2003 x64 running Terminal Services with Citrix Presentation Server 4.0 x64, 4.5 x64, Microsoft Windows Server 2003 and 2003 X64 Edition with Citrix XenApp 5.0, 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

Linux Operating Systems Supported

SUSE Linux Enterprise Server 10, 11, SUSE Linux Enterprise Desktop 10, 11, Red Hat 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 14, 15, 16, 17

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, Windows 10

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

Sun Solaris SPARC 9, 10, HP-UX 11.11, 11.23, 11.31, Sun Solaris x86 10, 11, IBM AIX 5.3, 6.1, 7.1

Included Paper Handling

550-Sheet Input, 100-Sheet Multipurpose Feeder, 550-Sheet Output Bin, Staple Finisher, Integrated Duplex, 550-Sheet Tray

Optional Paper Handling

550-Sheet Tray

Paper Input Capacity, Standard

Up to 1200 pages 75 gsm bond

Paper Input Capacity, Maximum

Up to 2300 pages 75 gsm bond

Paper Output Capacity, Standard

Up to 1050 pages 75 gsm bond

Paper Output Capacity, Maximum

Up to 1050 pages 75 gsm bond

Paper Weight Range Supported - Standard Tray (gsm)

60 - 176 gsm

Integrated Tray Card Stock Upper limit (grain short)

Cover - 176 gsm (65 lb), Index Bristol - 199 gsm (110 lb), Tag - 203 gsm (125 lb)

ADF

150-Sheet Automatic Document Feeder

ADF Paper Input Capacity

Up to 150 pages 75 gsm bond

ADF Paper Output Capacity

Up to 150 pages 75 gsm bond

Finishing Option

Standard

Finishing Functions

Offset stacking, Stapling

Number of Paper Inputs, Standard

3

Number of Paper Inputs, Maximum

5

Media Types Supported

Card Stock, Dual Web Labels, Envelopes, Integrated Labels, 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

Caster Base

Included

Standard Connectivity

One Internal Card Slot, USB 2.0 Specification Hi-Speed Certified (Type B), Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A), Two Rear USB 2.0 Specification Hi-Speed Certified ports (Type A)

Optional Local Ports

Internal RS-232C serial, Internal 1284-B
Bidirectional Parallel

Optional Network Ports

Internal MarkNet N8350 802.11b/g/n Wireless

Direct USB

Yes

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, Telnet, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol)

Network Management Protocols¹

HTTP, HTTPS (SSL/TLS), SNMPv1, SNMPv2c, SNMPv3, WINS, IGMP, BOOTP, RARP, 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 (metric)

4.2 mm 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™, PDF 1.7 emulation

Fonts and Symbol Sets

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 158 scalable PostScript fonts, 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.

Laser Cartridge Yields (up to)⁵

6,000-page Cartridge, 25,000-page High Yield Cartridge, 45,000-page Extra High Yield Cartridge,

Imaging Unit Estimated Yield

Up to 100000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage⁴

Cartridge(s) Shipping with Product

25,000-page High Yield Return Programme 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 (mm - H x W x D)

1327 x 870 x 762 mm

Packaged Weight, kg

117.9 kg

Size (mm - H x W x D)

1133 x 663 x 734 mm

Weight

87.6 kg

Noise level (Idle mode)

30 dBA

Noise Level (Print), Operating

56 dBA

Duplex Print Noise Level, Operating

56 dBA

Noise Level (Copy), Operating

56 dBA

Noise Level (Scan), Operating

57 dBA

Quiet Mode

51 dBA

ENERGY STAR

Yes

Average Power (Hibernate Mode)

0.7 watts

Average Power (Sleep Mode)

2.9 watts

Average Power (Ready Mode)

80 watts

Average Power (Printing)

960 watts

Average Power while Printing Duplex

775 watts

Average Power (Copying)

1020 watts

Average Power (Scanning)

140 watts

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

5.2 kilowatt-hours per week

Product Guarantee

1-Year Onsite Service

Product Certifications

ENERGY STAR, Blue Angel RAL-UZ-171, ICES-003 Class A, BSMI Class A, VCCI Class A, US FDA/CDRH, UL 60950-1, FCC Class A, cUL CAN/CSA-C22.2 60950-1, NOM, MET-I, IEC 60825-1, CB EN/IEC 60950-1, CB EN/IEC 60825-1, CCD-035, CE DoC (EN 62301 Class A, EN 62311, CE EN/IEC 60950-1, CE EN/IEC 60825-1, EN 61000-3, EN 55022 Class A, EuP, EN 55024, UL), EFTA (CE), CISPR 22 Class A, KCC, CCC, CECP, CEL, A-tick DoC, C-tick CoC, UL-AR, KC mark, UL GS mark, ISO 532B, ECMA-370, TED, GOST-R, SII, TER, Bel GISS

Maximum Monthly Duty Cycle

Up to 350000 pages per month³

Recommended Monthly Page Volume

5000 - 100000 pages²

Specified Operating Environment

Temperature: 16 to 32°C (60 to 90°F), Humidity: 8 to 80% Relative Humidity, Altitude: 0 - 2896 Metres (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 (PRC)

UNSPSC Code

43212110

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

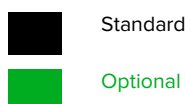
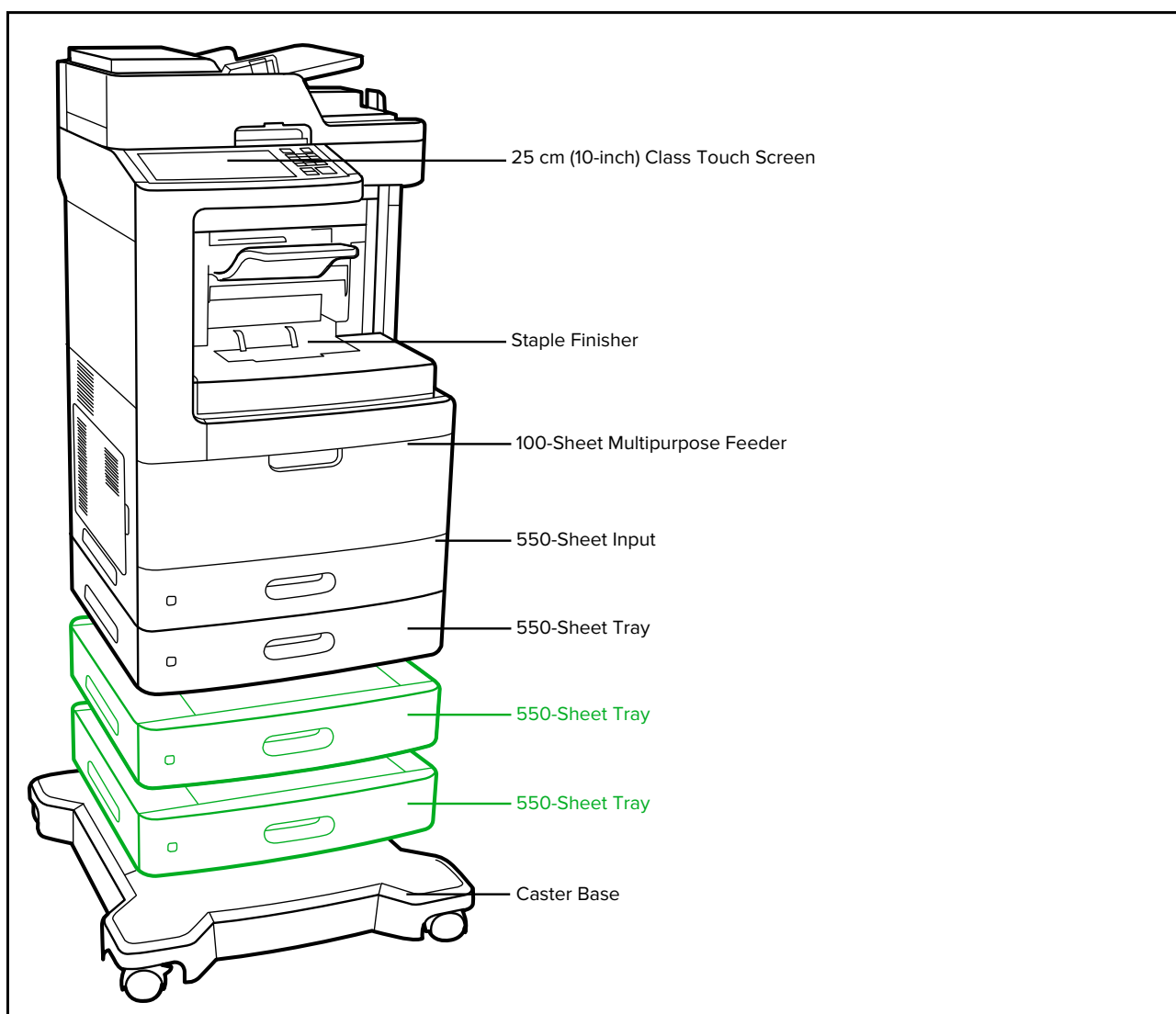
²"Recommended Monthly Page Volume" is a range of pages that helps customers evaluate Lexmark's product offerings based on the average number of pages customers plan to print on the device each month. Lexmark recommends that the number of pages per month be within the stated range for optimum device performance, 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.

⁴Actual 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.

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

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.



P/N	Toner Cartridges	P/N	Paper Handling	P/N	Connectivity
25A0013	Staple Cartridges (3 pack)	24T7300	550-Sheet Tray	14F0000	Parallel 1284-B Interface Card
52D0Z00	Lexmark MS/MX710, 711, 810, 812, MS811, 817, 818, MX717, 718 Return Programme 100K Imaging Unit	P/N	Memory Options	27X0225	MarkNet N8350 802.11b/g/n Wireless Print Server
52D0ZA0	Lexmark MS/MX710, 711, 810, 812, MS811, 817, 818, MX717, 718 100K Imaging Unit	57X9016	1024MBx32 DDR3-DRAM	27X0310	MarkNet N8350 Wireless Print Server plus NFC
62D2X00	Lexmark MX711, 810, 811, 812 Return Programme 45K Toner Cartridge	57X9012	2048MBx32 DDR3-DRAM	SPD0002	Surge Protective Device, 220-240V
62D2H00	Lexmark MX710, 711, 810, 811, 812 Return Programme 25K Toner Cartridge	57X9101	256MB Flash Memory Card	P/N	Extended Warranties
62D2000	Lexmark MX710, 711, 810, 811, 812 Return Programme 6K Toner Cartridge	57X0070	Removable Hard Disk Enclosure Kit	2365462	MX812, XM7170 2 Years renewal OnSite Service, Response Time Next Business Day
62D0XA0	Lexmark MX711, 810, 811, 812 45K Toner Cartridge	P/N	Application Solutions	2365463	MX812, XM7170 3 Years renewal OnSite Service, Response Time Next Business Day
62D2X0E	Lexmark MX711, 810, 811, 812 Corporate 45K Toner Cartridge	57X0300	Contact Authentication Device	2365464	MX812, XM7170 4 Years renewal OnSite Service, Response Time Next Business Day
62D2H0E	Lexmark MX710, 711, 810, 811, 812 Corporate 25K Toner Cartridge	57X0301	Contactless Authentication Device	2355220	MX812 2-Years Total (1+1) Onsite Service
62D200E	Lexmark MX710, 711, 810, 811, 812 Corporate 6K Toner Cartridge	57X0210	Elatec Reader Authentication Device	2355221	MX812 3-Years Total (1+2) Onsite Service
		24T7352	MX71x, MX81x Card for IPDS	2355222	MX812 4-Years Total (1+3) Onsite Service
		24T7351	MX71x, MX81x Forms and Bar Code Card		
		24T7353	MX71x, MX81x Card for PRESCRIBE Emulation		
		P/N	Connectivity		
		27X0142	Lexmark MarkNet™ N8230 Fiber Ethernet Print Server		
		1021231	Parallel (10') Cable		
		1021294	USB (2 Meter) Cable		
		14F0100	RS-232C Serial Interface Card		

P/N	Extended Warranties
2355223	MX812 5-Years Total (1+4) Onsite Service
2355224	MX812 1-Year Onsite Service Renewal
P/N	User Replaceable Parts
40X8421	Return Programme Fuser Maintenance kit, 220-240V Type 01 A4
40X7706	Roller Maintenance Kit
40X8431	ADF Maintenance Kit
40X8426	Fuser Maintenance kit, 220-240V, Type 06, A4
P/N	Installation Service
2355250	Standard Installation Service
P/N	Service Parts
40X7600	Multipurpose feeder pick roller