Lexmark MS817dn

When you have a printer supporting 10-20 busy people, you need the speed, input capacity and output volume provided by the MS817dn. With print speeds of up to 52 pages per minute, input capacity expandable to 4,400 sheets, an optional High Yield cartridge that produces up to 25,000 pages, and recommended print volume of up to 50,000 pages per month, this device can handle even the busiest office.

Part Number
40GC132

Print Technology
Monochrome Laser

Workgroup Size
Large Workgroup

Touch Screen Display
No

Display
6 cm (2.4 inch) colour LCD display

Print Speed (A4, Black)
Up to 52 ppm[6]

Print Speed (A4, Black) Duplex
Up to 32 spm[6]

Time to First Page (Black)
As fast as 4.8 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
512 MB

Memory, maximum
2560 MB

Hard Disk
Option available

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 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 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

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

Optional Paper Handling
250-Sheet Tray, 550-Sheet Tray, 2100-Sheet Tray, 250-Sheet Lockable Tray, 550-Sheet Lockable Tray, 4-Bin Mailbox, Staple Finisher, Staple Punch Finisher, High Capacity Output Expander, Output Expander

Paper Input Capacity, Standard
Up to 650 pages 75 gsm bond

Paper Input Capacity, Maximum
Up to 4,400 pages 75 gsm bond

Paper Output Capacity, Standard
Up to 550 pages 75 gsm bond

Paper Output Capacity, Maximum
Up to 2,550 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)

Finishing Option
Yes

Number of Paper Inputs, Standard
2

Number of Paper Inputs, Maximum
6

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

Standard Ports
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)

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 Protocols[1]
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), 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]
25,000-page High Yield Cartridge, , 11,000-page Cartridge

Lexmark™

Imaging Unit Estimated Yield
Up to 100,000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage[4]

Cartridge(s) Shipping with Product
10,000-page Starter 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 (mm - H x W x D)
563 x 615 x 537 mm

Packaged Weight, kg
27.43 kg

Size (mm - H x W x D)
419 x 425 x 510 mm

Weight
23.66 kg

Noise Level, Idle
33 dBA

Noise Level (Print), Operating
56 dBA

Duplex Print Noise Level, Operating
55 dBA

ENERGY STAR
Yes

Average Power (Hibernate Mode)
0.5 watts

Average Power (Sleep Mode)
2.9 watts

Average Power (Ready Mode)
50 watts

Average Power (Printing)
670 watts

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

Product Guarantee
4-Year Guarantee - Upon Registration Only

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, 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

Maximum Monthly Duty Cycle
Up to 250,000 pages per month[3]

Recommended Monthly Page Volume
3,000 - 50,000 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

[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.

[6]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.

P/N	Toner Cartridges
53B2000	MS817, 818 Lexmark Return Programme Toner Cartridge
53B2H00	MS817, 818 Lexmark High Yield Return Programme Toner Cartridge
25A0013	Staple Cartridges (3 pack)
52D0Z00	520Z Black Return Program Imaging Unit
52D0ZA0	520ZA Black Imaging Unit

P/N	Paper Handling
40G0852	4-Bin Mailbox
40G0851	Output Expander
40G0853	High Capacity Output Expander
40G0850	Staple Finisher
40G0849	Staple, Hole Punch Finisher
40G0802	550-Sheet Tray
40G0804	2100-Sheet Tray
40G0800	250-Sheet Tray
40G0820	250-Sheet Lockable Tray
40G0822	550-Sheet Lockable Tray
40G0854	4.3 in. (11 cm) Spacer

P/N	Furniture
40C2300	Adjustable Stand
40G0855	Caster Base
3073173	Swivel Cabinet

P/N	Memory Options
27X0200	320+ GB Hard Disk
57X9016	1024MBx32 DDR3-DRAM
57X9012	2048MBx32 DDR3-DRAM
57X9101	256MB Flash Memory Card
57X0070	Removable Hard Disk Enclosure Kit

P/N	Application Solutions
40G0811	MS81xn, dn Card for IPDS
40G0810	MS81xn, dn Forms and Bar Code Card
40G0817	MS81xn, dn Card for PRESCRIBE Emulation

P/N	Connectivity
27X0142	Lexmark MarkNet™ N8230 Fibre Ethernet Print Server
1021231	Parallel (10') Cable
1021294	USB (2 Meter) Cable
14F0100	RS-232C Serial Interface Card
14F0000	Parallel 1284-B Interface Card
27X0225	MarkNet N8350 802.11b/g/n Wireless Print Server
27X0310	MarkNet N8350 Wireless Print Server plus NFC
SPD0002	Surge Protective Device, 220-240V

P/N	User Replaceable Parts
40X8421	Return Programme Fuser Maintenance kit, 220-240V Type 01 A4
40X7706	Roller Maintenance Kit
40X8426	Fuser Maintenance kit, 220-240V, Type 06, A4

P/N	Installation Service
2355248	Standard Installation Service

P/N	Service Parts
40X7600	Multipurpose feeder pick roller

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