Lexmark CX827de

The Lexmark CX827de is an amazingly fast colour MFP, boasting print speeds of up to 50 pages per minute and scan speeds of up to 114 sides per minute. With maximum input capacity of up to 4,500 sheets, a recommended monthly print volume up to 25,000 pages, stunning PANTONE®-calibrated colour, built-in business solutions and large e-Task touch screen, the CX827de provides production-level capabilities in a compact footprint.

Part Number
42KC035

Print Technology
Color Laser

Function
Colour Copying, Colour Faxing, Colour Printing, Color Scanning, Colour Network Scanning

Workgroup Size
Medium-Large Workgroup

Touch Screen Display
Yes

Display
Lexmark e-Task 17.8 cm (7-inch) colour touch screen

Print Speed (A4, Black)
Up to 50 ppm[6]

Print Speed (A4, Colour)
Up to 50 ppm[6]

Print Speed (A4, Black) Duplex
Up to 50 spm[6]

Time to First Page (Black)
As fast as 7 seconds

Time to First Page (Colour)
As fast as 7 seconds

Duplex (2-sided) Printing
Integrated Duplex

Print Resolution, Black
1200 x 1200 dpi, 4800 Colour Quality (2400 x 600 dpi)

Print Resolution, Colour
1200 x 1200 dpi, 4800 Colour Quality (2400 x 600 dpi)

Copy Speed (A4, Black)
Up to 50 cpm[6]

Copy Speed (A4, Colour)
Up to 50 cpm[6]

Time to First Copy (black)
As fast as 6.5 seconds

Time to First Copy (colour)
As fast as 7.5 seconds

Reduce / Enlarge Range
25 - 400 %

A4/Ltr Simplex Scan Speed (Mono)
Up to 57 / 60 sides per minute

A4/Ltr Simplex Scan Speed (Colour)
Up to 57 / 60 sides per minute

A4/Ltr Duplex Scan Speed (Mono)
Up to 114 / 120 sides per minute

A4/Ltr Duplex Scan Speed (Colour)
Up to 114 / 120 sides per minute

Scan Area, Maximum (mm)
216 x 355 mm

ADF Scan
DADF (single pass Duplex)

Scanner Type
Flatbed scanner with ADF

Scan Technology
CCD

Optical Scanning Resolution
1200 X 600 ppi

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 Speed
Quad Core 1.33 GHz

Memory, standard
2048 MB

Memory, maximum
4096 MB

Hard Disk
Included in configuration

Apple Operating Systems Supported
Apple OS X (10.6, 10.7, 10.8, 10.9, 10.10, 10.11)

Citrix MetaFrame
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

Linux Operating Systems Supported
Debian GNU/Linux 7.0, 8.0, Fedora 21, 22, Linpus Linux Lite Desktop 2.1, Linux Mint 13 LTS, 17 LTS, 17.1 LTS, 17.2 LTS, Linux Mint 2 Debian, PCLinuxOS 2014.12, Red Hat Enterprise Linux WS 4, 5, 6, 7, SUSE Linux Enterprise Desktop 10, 11, 12, SUSE Linux Enterprise Server 10, 11, 12, Ubuntu 12.04 LTS, 14.04 LTS, 15.04, openSUSE 13.1, 13.2, openSUSE Tumbleweed

Microsoft Windows Operating Systems Supported
Windows XP, Windows XP 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 Open Enterprise Server 2 on SUSE Linux Enterprise Server 10 SP4, Novell Open Enterprise Server 11 on SUSE Linux Enterprise Server 11

UNIX Operating Systems Supported
Sun Solaris x86 10, 11, Sun Solaris SPARC 10, 11, IBM AIX 6.1, 7.1

Included Paper Handling
550-Sheet Input, 100-Sheet Multipurpose Feeder, Integrated Duplex, 300-Sheet Output Bin

Optional Paper Handling
550-Sheet Tray, Inline Stapler, 2200-Sheet Tray

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

Paper Input Capacity, Maximum
Up to 4,500 pages 75 gsm bond

Paper Output Capacity, Standard
Up to 300 pages 75 gsm bond

Paper Output Capacity, Maximum
Up to 300 pages 75 gsm bond

Paper Weight Range Supported - Standard Tray (gsm)
60 - 176 gsm

Paper Weight Range Supported - Multipurpose Feeder (gsm)
60 - 176 gsm

Integrated Tray Card Stock Upper limit (grain short)
Cover - 300 gsm (110 lb), Index Bristol - 300 gsm (166 lb), Tag - 300 gsm (184 lb)

ADF
150-Sheet Automatic Document Feeder

ADF Paper Input Capacity
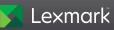Up to 150 pages 75 gsm bond

ADF Paper Output Capacity
Up to 150 pages 75 gsm bond

Finishing Option
Yes

Finishing Functions
Offset stacking, Stapling

Number of Paper Inputs, Standard
2

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Number of Paper Inputs, Maximum
6

Media Types Supported
Card Stock, Dual Web Labels, Envelopes, Labels, Plain Paper, Polyester Labels, Vinyl Labels, Refer to the Card Stock & Label Guide., Banner Paper

Media Sizes Supported
10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C4 Envelope, C5 Envelope, DL Envelope, Index Card, Executive, Folio, JIS-B5, Legal, Letter, 4 x 6", Statement, Universal, Oficio, A6

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

Optional Network Ports
Internal MarkNet N8360 802.11b/g/n Wireless, NFC

Direct USB
Yes

Ethernet Network
Yes

Wireless
Wireless Option

Network Protocol Support
TCP/IP IPv4, TCP/IP IPv6, TCP, UDP

Network Printing Methods
LPR/LPD, Direct IP (Port 9100), Enhanced IP (Port 9400), Secure IP (Port 96xx), FTP, TFTP, ThinPrint .print integration, Telnet, IPP 1.0, 1.1, 2.0 (Internet Printing Protocol), Microsoft Web Services WSD, Pull Printing

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 5c 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, 2 PCL bitmap fonts, 39 scalable PPDS fonts, 84 scalable PCL fonts, OCR-A, OCR-B scalable PCL 5e fonts, For more information, refer to the Technical Reference., 165 scalable PostScript fonts, 15 PPDS bitmap fonts

Laser Cartridge Yields (up to)[5]
, 20,000-page Black Cartridge, 15,000-page Colour (CMY) Cartridges

Photoconductor Estimated Yield
Up to 175,000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage[4]

Cartridge(s) Shipping with Product
8,000-page Black Starter Return Program Toner Cartridge, 5,000-page Colour (CMY) Starter Return Program Toner Cartridges

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)
1053 x 760 x 760 mm

Packaged Weight, kg
95.91 kg

Size (mm - H x W x D)
763 x 559 x 588 mm

Weight
82.3 kg

Noise Level, Idle
15 dBA

Noise Level (Print), Operating
55 dBA

Duplex Print Noise Level, Operating
56 dBA

Noise Level (Copy), Operating
58 dBA

Noise Level (Scan), Operating
55 dBA

ENERGY STAR
Yes

Average Power (Hibernate Mode)
0.3 watts

Average Power (Sleep Mode)
3.2 watts

Average Power (Ready Mode)
80 watts

Average Power (Printing)
760 watts

Average Power (Copying)
870 watts

Average Power (Scanning)
115 watts

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

Product Guarantee
4-Year Guarantee - Upon Registration Only

Product Certifications
ENERGY STAR, ICES-003 Class A, BSMI Class A, VCCI Class A, FCC Class A, NOM-032, UL, cUL, NOM, US FDA/CDRH, IEC 60825-1, CB Report, ISO-532B, CE (EU) DoC, EFTA (CE), KC logo, CCC, C-tick DoC, EuP, CECP, CEL, EC 1275/2008, ECMA-370, TED, SII, TER, SABS, UL-AR, GS Mark, Green Dot, ISO-9296, COC, CCD-035 EcoLogo, Green Mark, EPEAT, Blue Angel (Blauer Engel)

Maximum Monthly Duty Cycle
Up to 200,000 pages per month[3]

Recommended Monthly Page Volume
2,500 - 25,000 Pages[2]

Specified Operating Environment
Humidity: 15 to 80% Relative Humidity, Temperature: 10 to 32°C, 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
43212110

Developer Unit(s) Estimated Yield
Up to 300,000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage

[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 continuous black or continuous composite CMY declared cartridge yield up to this number of standard pages in accordance with ISO/IEC 19798.

[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.

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P/N	Toner Cartridges
72K0DC0	Cyan Return Programme Developer Unit
72K0D20	Cyan Developer Unit
72K0D30	Magenta Developer Unit
72K0DM0	Magenta Return Programme Developer Unit
72K0D40	Yellow Developer Unit
72K0DY0	Yellow Return Programme Developer Unit
72K0W00	Waste Toner Bottle
72K0FK0	Black Return Programme Developer and Photoconductor Unit Pack
72K0F10	Black Developer and Photoconductor Unit Pack
72K0FV0	Colour (CMY) Return Programme Developer Kit and Photoconductors Pack
72K0F50	Colour (CMY) Developer Kit and Photoconductors Pack
73B0020	CS/CX 827 Cyan Toner Cartridge
73B0010	CS/CX 827 Black Toner Cartridge
73B0030	CS/CX 827 Magenta Toner Cartridge
73B0040	CS/CX 827 Yellow Toner Cartridge
73B20C0	CS/CX 827 Cyan Return Programme Toner Cartridge
73B20K0	CS/CX 827 Black Return Programme Toner Cartridge
73B20M0	CS/CX 827 Magenta Return Programme Toner Cartridge
73B20Y0	CS/CX 827 Yellow Return Programme Toner Cartridge
25A0013	Staple Cartridges (3 pack)
72K0P00	Photoconductor – 1 Pack
72K0Q00	Photoconductor – 3 Pack
72K0DK0	Black Return Programme Developer Unit
72K0D10	Black Developer Unit
72K0DV0	Colour (CMY) Return Programme Developer Kit
72K0D50	Colour (CMY) Developer Kit

P/N	Paper Handling
42K2000	CS820, CX820 Inline Staple Finisher
21K0567	550-Sheet Tray
21K0237	2,200-Sheet Tray

P/N	Furniture
21K2501	Caster Base

P/N	Memory Options
27X0400	320+ GB Hard Disk
57X9022	2GB x64 DDR3 RAM
57X9801	256MB Flash Memory Card
57X9814	Korean Font Card
57X9815	Japanese Font Card
57X9812	Simplified Chinese Font Card
57X9810	Traditional Chinese Font Card

P/N	Application Solutions
21K0127	Forms and Bar Code Card
21K0128	Card for IPDS
21K0129	Card for PRESCRIBE Emulation
57X0300	Contact Authentication Device
57X0301	Contactless Authentication Device
57X0085	Lexmark Secure Element

P/N	Connectivity
57X7020	English Keyboard Kit
27X0309	MarkNet N8360 Wireless Print Server plus NFC
27X0142	Lexmark MarkNet™ N8230 Fibre Ethernet Print Server
1021294	USB (2 Meter) Cable
SPD0002	Surge Protective Device, 220-240V

P/N	User Replaceable Parts
41X0247	Fuser 220-240V
41X0245	Transfer Module

P/N	User Replaceable Parts
41X0154	Transfer Roller
41X0993	Media Pick Roller
41X0360	ADF Separation Roller
41X0358	ADF Media Pick Roller
41X0359	ADF Feed Belt
41X0931	ADF Maintenance Kit
41X0929	Fuser Maintenance Kit 220-240V

P/N	Installation Service
2355254	Standard Installation Service

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