



Lexmark CS310dn

The Lexmark CS310 Series colour laser printer performs like no other. With PANTONE® colour matching and other features typically found only on larger, higher-end devices, this affordable desktop printer helps your company shine with professional results.

Part Number

28C0075

Print Technology

Color Laser

Workgroup Size

Small-Medium Workgroup

Touch Screen Display

No

Display

16 character, 2-line backlit All Points Addressable (APA) LCD Display

Print Speed (A4, Black)

Up to 23 ppm⁶

Print Speed (A4, Colour)

Up to 23 ppm⁶

Print Speed (A4, Black) Duplex

Up to 12 spm⁶

Print Speed (A4, Colour) Duplex

Up to 12 spm⁶

Time to First Page (Black)

As fast as 10 seconds

Time to First Page (Colour)

As fast as 11 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)

Processor

Dual Core, 800 MHz

Memory, standard

256 MB

Memory, maximum

2304 MB

Hard Disk

Not 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 x64 running Terminal Services with Citrix Presentation Server 4.0 x64, 4.5 x64, Microsoft Windows Server 2003 running Terminal Services with Citrix Presentation Server 4.0, 4.5, 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

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

250-Sheet Input, 125-Sheet Output Bin, Integrated Duplex, Single-Sheet Manual Feed

Optional Paper Handling

550-Sheet Duo Tray with 100-Sheet Feeder

Paper Input Capacity, Standard

Up to 250+1 pages 75 gsm bond

Paper Input Capacity, Maximum

Up to 900+1 pages 75 gsm bond

Paper Output Capacity, Standard

Up to 125 pages 75 gsm bond

Paper Output Capacity, Maximum

Up to 125 pages 75 gsm bond

Paper Weight Range Supported - Standard Tray (gsm)

60 - 176 gsm

Integrated Tray Card Stock Upper limit (grain long)

Index Bristol - 120 gsm (67 lb), Tag - 120 gsm (74 lb), Cover - 135 gsm (50 lb)

Finishing Option

No

Number of Paper Inputs, Standard

1

Number of Paper Inputs, Maximum

3

Media Types Supported

Card Stock, Paper Labels, Plain Paper, Transparencies, Refer to the Card Stock & Label Guide.

Media Sizes Supported

A4, A5, Executive, Folio, JIS-B5, Legal, Letter, Universal, Oficio

Standard Ports

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

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, 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, 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

1,000-page Black and Colour (CMYK) Cartridges, 3,000-page Colour (CMY) High Yield Cartridges, 4,000-page Black High Yield Cartridge,

Photoconductor Estimated Yield

Up to 40,000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage⁴

Cartridge(s) Shipping with Product

1,400-page Black and Colour (CMYK) 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)

402 x 595 x 495 mm

Packaged Weight, kg

23.6 kg

Size (mm - H x W x D)

291 x 442 x 407 mm

Weight

20.3 kg

Noise Level, Idle

16 dBA

Noise Level (Print), Operating

48 dBA

Duplex Print Noise Level, Operating

50 dBA

ENERGY STAR

Yes

Average Power (Hibernate Mode)

0.5 watts

Average Power (Sleep Mode)

2.5 watts

Average Power (Ready Mode)

30 watts

Average Power (Printing)

480 watts

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

1.8 kilowatt-hours per week

Product Guarantee

1-Year Onsite 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, EN 55024, UL), EFTA (CE), KCC, CCC, CECP, CEL, C-tick DoC, UL-AR, KC mark, UL GS mark, UCRF, EC 1275

Maximum Monthly Duty Cycle

Up to 60000 pages per month³

Recommended Monthly Page Volume

500 - 5000 Pages²

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

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

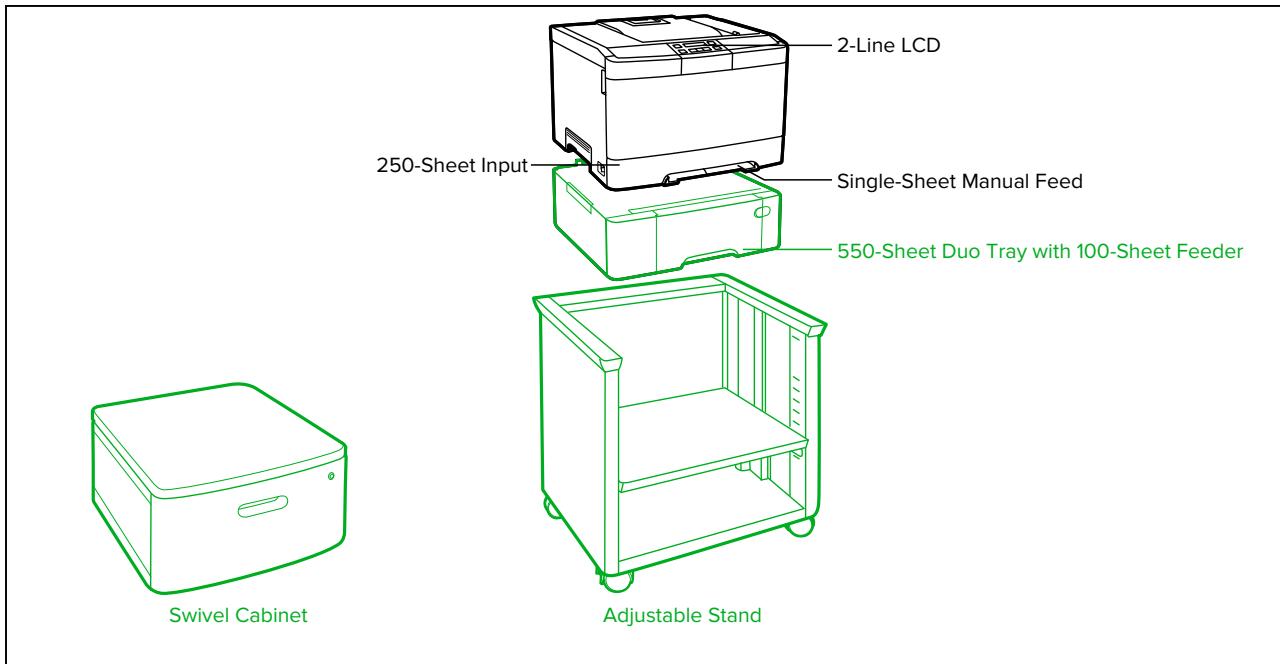
²"Recommended Monthly Page Volume" is a range of pages that helps customers evaluate Lexmark's product offerings based on the average number of pages customers plan to print on the device each month. Lexmark recommends that the number of pages per month be within the stated range for optimum device performance, 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 continuous black or continuous composite CMY declared cartridge yield up to this number of standard pages in accordance with ISO/IEC 19798.

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.



■ Standard

■ Optional

P/N	Toner Cartridges	P/N	Paper Handling
C540X75G	Waste Toner Bottle (18K)	38C0626	550-Sheet Duo Tray with 100-Sheet Feeder
70C2HK0	702HK Black High Yield Return Program Toner Cartridge		
70C2HC0	702HC Cyan High Yield Return Program Toner Cartridge	3073173	Swivel Cabinet
70C2HM0	702HM Magenta High Yield Return Program Toner Cartridge	35S8502	Adjustable Stand
70C2HY0	702HY Yellow High Yield Return Program Toner Cartridge		
70C20K0	702K Black Return Programme Toner Cartridge	57X9016	1024MBx32 DDR3-DRAM
70C20C0	702C Cyan Return Program Toner Cartridge	57X9012	2048MBx32 DDR3-DRAM
70C20M0	702M Magenta Return Program Toner Cartridge		
70C20Y0	702Y Yellow Return Program Toner Cartridge	1021294	USB (2 Meter) Cable
70C0H10	700H1 Black High Yield Toner Cartridge	14T0220	MarkNet N7020e Gigabit Ethernet Print Server
70C0H20	700H2 Cyan High Yield Toner Cartridge	27X0130	MarkNet N8352 802.11b/g/n Wireless Print Server Kit
70C0H30	700H3 Magenta High Yield Toner Cartridge	27X0135	MarkNet N8352 Wireless Print Server plus NFC
70C0H40	700H4 Yellow High Yield Toner Cartridge	SPD0002	Surge Protective Device, 220-240V
70C0Z50	700Z5 Black and Colour Imaging Kit		
70C0Z10	700Z1 Black Imaging Kit	2356080P	CS310 2-Years Total (1+1) Onsite Service
70C0P00	700P Photoconductor Unit	2356081P	CS310 3-Years Total (1+2) Onsite Service
70C2HKE	702HKE Black High Yield Corporate Cartridge (4k)	2356082P	CS310 4-Years Total (1+3) Onsite Service
70C2HCE	702HCE Cyan High Yield Corporate Cartridge (3k)	2356083P	CS310 5-Years Total (1+4) Onsite Service
70C2HME	702HME Magenta High Yield Corporate Cartridge (3k)	2356084P	CS310 1-Year Onsite Service Renewal
70C2HYE	702HYE Yellow High Yield Corporate Cartridge (3k)		
70C20KE	702KE Black Corporate Cartridge (1K)	40X5168	Pick Tire
70C20CE	702CE Cyan Corporate Cartridge (1K)		
70C20ME	702ME Magenta Corporate Cartridge (1K)	2355248	Standard Installation Service
70C20YE	702YE Yellow Corporate Cartridge (1K)		
P/N	User Replaceable Parts	P/N	Service Parts
		40X7616	Fuser Maintenance kit, 220-240V