# Lexmark CS310n

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 systems, this affordable desktop system helps your company shine with professional results.

**Part Number**
28C0025

**Print Technology**
Colour 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 ppm[6]

**Print Speed (A4, Colour)**
Up to 23 ppm[6]

**Time to First Page (Black)**
As fast as 10 seconds

**Time to First Page (Colour)**
As fast as 11 seconds

**Duplex (2-sided) Printing**
Not Available

**Print Resolution, Black**
1200 x 1200 dpi, 4800 CQ (2400 x 600 dpi)

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

**Processor**
Dual Core, 0.8 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, 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**
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, 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**
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 Protocols[1]**
HTTP, HTTPs (SSL/TLS), SNMPv1, SNMPv2c, SNMPv3, WINS, IGMP, APIPA (AutoIP), DHCP, ICMP, DNS, Bonjour, DDNS, mDNS, ARP, NTP, Telnet, Finger,

**Network Security**
SNMPv3

**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% coverage[4]

**Cartridge(s) Shipping with Product**
750-page Black and Colour (CMYK) Return Programme 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**
23.4 kg

**LEXMARK**

**Size (mm - H x W x D)**
291 x 442 x 407 mm

**Weight**
20.1 kg

**Noise level (Idle mode)**
16 dBA

**Noise Level (Print), Operating**
48 dBA

**Duplex Print Noise Level, Operating**
50 dBA

**Quiet Mode**
46 dBA

**ENERGY STAR**
No

**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

**Average Power while Printing Duplex**
320 watts

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

**Product Guarantee**
1-Year Onsite Service

**Product Certifications**
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 month[3]

**Recommended Monthly Page Volume**
500 - 5000 pages[2]

**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**
43212105

[1]This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http:// www.openssl.org/)
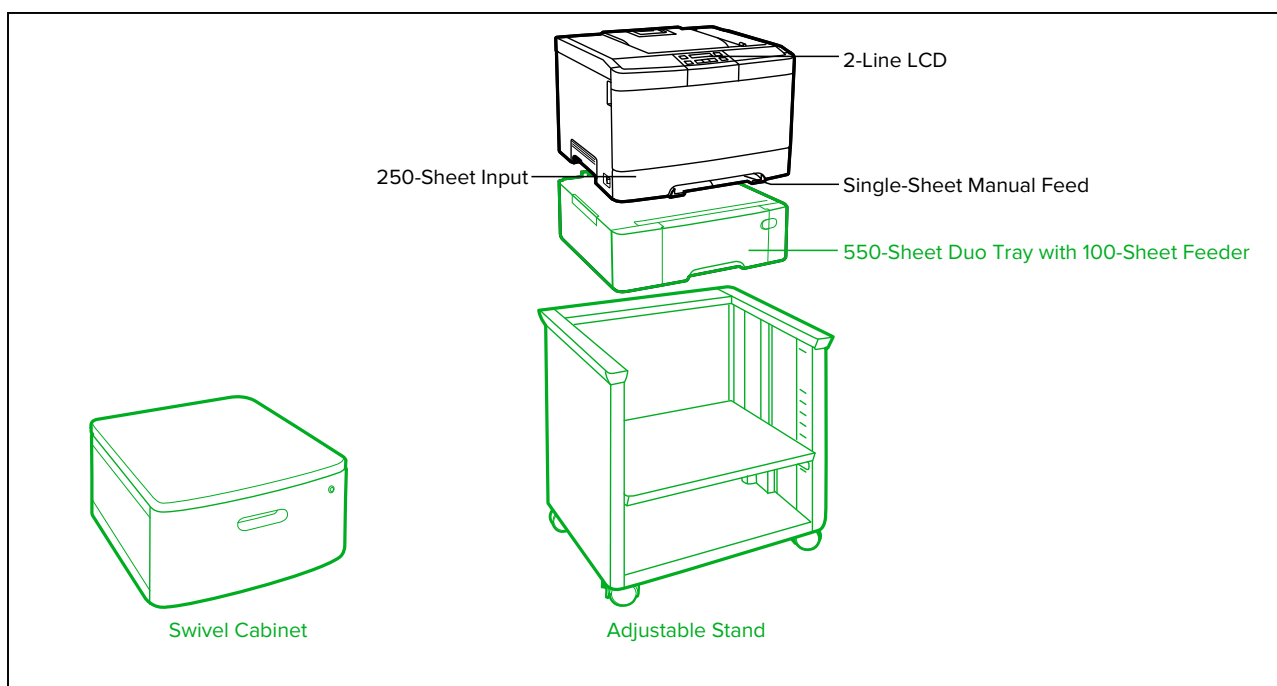
[2]"Recommended Monthly Page Volume" is a range of pages that helps customers evaluate Lexmark's product offerings based on the average number of pages customers plan to print on the device each month. Lexmark recommends that the number of pages per month be within the stated range for optimum device 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 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.

2-Line LCD

250-Sheet Input

Single-Sheet Manual Feed

550-Sheet Duo Tray with 100-Sheet Feeder

Swivel Cabinet

Adjustable Stand

■ Standard
■ Optional

| P/N | Toner Cartridges |
|---|---|
| C540X75G | Waste Toner Bottle |
| 70C8HK0 | 708HK Black High Yield Return Program Toner Cartridge |
| 70C8HC0 | 708HC Cyan High Yield Return Program Toner Cartridge |
| 70C8HM0 | 708HM Magenta High Yield Return Program Toner Cartridge |
| 70C8HY0 | 708HY Yellow High Yield Return Program Toner Cartridge |
| 70C80K0 | Lexmark CS/CX310,410,510 Black Return Program 1K Toner Cartridge |
| 70C80C0 | Lexmark CS/CX310,410,510 Cyan Return Program 1K Toner Cartridge |
| 70C80M0 | Lexmark CS/CX310,410,510 Magenta Return Program 1K Toner Cartridge |
| 70C80Y0 | Lexmark CS/CX310,410,510 Yellow Return Program 1K Toner Cartridge |
| 70C0H10 | 700H1 Black High Yield Toner Cartridge |
| 70C0H20 | 700H2 Cyan High Yield Toner Cartridge |
| 70C0H30 | 700H3 Magenta High Yield Toner Cartridge |
| 70C0H40 | 700H4 Yellow High Yield Toner Cartridge |
| 70C0Z50 | 700Z5 Black and Colour Imaging Kit |
| 70C0Z10 | 700Z1 Black Imaging Kit |
| 70C0P00 | 700P Photoconductor Unit |

| P/N | Paper Handling |
|---|---|
| 38C0626 | 550-Sheet Duo Tray with 100-Sheet Feeder |

| P/N | Furniture |
|---|---|
| 3073173 | Swivel Cabinet |
| 35S8502 | Adjustable Stand |

| P/N | Memory Options |
|---|---|
| 57X9016 | 1024MBx32 DDR3-DRAM |
| 57X9012 | 2048MBx32 DDR3-DRAM |

| P/N | Connectivity |
|---|---|
| 1021294 | USB (2 Meter) Cable |

| P/N | Connectivity |
|---|---|
| 14T0220 | MarkNet™ N7020e Gigabit Ethernet Print Server |
| 27X0135 | MarkNet N8352 Wireless Print Server plus NFC |

| P/N | Extended Warranties |
|---|---|
| 2360693 | CS310 Per Call Preventive Maintenance with Kit |
| 2360832 | CS310 3 Year Upgrade from Initial to Next Business Day extended Guarantee |
| 2364940 | CS310 2 Years renewal OnSite Service, Response Time Next Business Day |
| 2364941 | CS310 3 Years renewal OnSite Service, Response Time Next Business Day |
| 2364942 | CS310 4 Years renewal OnSite Service, Response Time Next Business Day |
| 2364943 | CS310 2 Year Renewal Onsite Repair Next Business Day Fix |
| 2364944 | CS310 3 Year Renewal Onsite Repair Next Business Day Fix |
| 2364945 | CS310 4 Year Renewal Onsite Repair Next Business Day Fix |
| 2356080 | CS310 2-Years Total (1+1) Onsite Service |
| 2356081 | CS310 3-Years Total (1+2) Onsite Service |
| 2356082 | CS310 4-Years Total (1+3) Onsite Service |
| 2356083 | CS310 5-Years Total (1+4) Onsite Service |
| 2356084 | CS310 1-Year Onsite Service Renewal |

| P/N | User Replaceable Parts |
|---|---|
| 40X5168 | Pick Tire |

| P/N | Service Parts |
|---|---|
| 40X7616 | Fuser Maintenance kit, 220-240V |