



# Lexmark XC8160de

The Lexmark XC8160de colour A4 MFP is the right combination of A3 level speed and features to maximise your profitability in high usage placements.

## Part Number

42K1837

## Print Technology

Color Laser

## Function

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

## Workgroup Size

Large Workgroup

## Touch Screen Display

Yes

## Display

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

## Print Speed (A4, Black)

Up to 57 ppm<sup>6</sup>

## Print Speed (A4, Colour)

Up to 57 ppm<sup>6</sup>

## Print Speed (A4, Black) Duplex

Up to 57 spm<sup>6</sup>

## Time to First Page (Black)

As fast as 6.5 seconds

## Time to First Page (Colour)

As fast as 6.5 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 57 cpm<sup>6</sup>

## Copy Speed (A4, Colour)

Up to 57 cpm<sup>6</sup>

## Time to First Copy (Black)

As fast as 6.0 seconds

## Time to First Copy (Colour)

As fast as 7.0 seconds

## Reduce / Enlarge Range

25 - 400 %

## A4/Ltr Simplex Scan Speed (Black)

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 (Black)

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 1.6 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, 500-Sheet Output Bin

## Optional Paper Handling

550-Sheet Tray, Staple Punch Finisher, Inline Stapler, 2200-Sheet Tray

## Paper Input Capacity, Standard

Up to 650 pages 75 gsm bond

## Paper Input Capacity, Maximum

Up to 4500 pages 75 gsm bond

## Paper Output Capacity, Standard

Up to 500 pages 75 gsm bond

## Paper Output Capacity, Maximum

Up to 1950 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, Hole punching

## Number of Paper Inputs, Standard

2

## 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

## Caster Base

Optional

## 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<sup>1</sup>

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)<sup>5</sup>

, 50,000-page Black and Colour (CMYK) Ultra High Yield Cartridges

## Photoconductor Estimated Yield

Up to 175000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage<sup>4</sup>

## Cartridge(s) Shipping with Product

17,000-page Colour (CMY) High Yield Return Program Toner Cartridges, 50,000-page Black Ultra High Yield Return Program Cartridge

## Replacement Cartridges:

Product functions only with replacement cartridges designed for use in a specific geographical region. See [www.lexmark.com/](http://www.lexmark.com/) regions for more details.

## Packaged Size (mm - H x W x D)

1114 x 700 x 760 mm

## Packaged Weight (kg)

96.36 kg

## Size (mm - H x W x D)

813 x 559 x 588 mm

## Weight (kg)

83.2 kg

## Noise Level, Idle

14 dBA

## Noise Level (Print), Operating

56 dBA

## Duplex Print Noise Level, Operating

57 dBA

## Noise Level (Copy), Operating

59 dBA

## Noise Level (Scan), Operating

55 dBA

## Quiet Mode

52 dBA

## ENERGY STAR

Yes

## Average Power (Hibernate Mode)

0.3 watts

## Average Power (Sleep Mode)

3.3 watts

## Average Power (Ready Mode)

125 watts

## Average Power (Printing)

870 watts

## Average Power while Printing Duplex

820 watts

## Average Power (Copying)

650 watts

## Average Power (Scanning)

115 watts

## ENERGY STAR Typical Electricity

### Consumption (TEC)

3.5 kilowatt-hours per week

## Product Guarantee

1-year Onsite Service + 3-years Parts Only guarantee (Maintenance Kit included)

## 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 350000 pages per month<sup>3</sup>

## Recommended Monthly Page Volume

5000 - 50000 pages<sup>2</sup>

## 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/](http://www.lexmark.com/) printerlicense for details.

## Country of Origin

China (PR)

## UNSPSC Code

43212110

## Developer Unit(s) Estimated Yield

Up to 300000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage

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

<sup>2</sup>"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.

<sup>3</sup>"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.

<sup>4</sup>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.

<sup>5</sup>Average yield at approximately 5% print coverage per colour.

<sup>6</sup>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](http://www.lexmark.com/ISOspeeds).

