



Sometimes full access  
requires full effort.

Sometimes it doesn't.

## Lexmark X Family

Outstanding MFP  
performance at the  
touch of a screen!

How do you choose the best multifunction device for your business? How do you offer your workgroup the most advanced range of features and functions, but also the simplest way to use them? Is it possible to enhance your productivity and lower costs at the same time? Lexmark offers you answers. Turn the pages to discover our new industry-leading X Family of MFPs.

We make printing easy

**LEXMARK**<sup>™</sup>

# Lexmark X Family

## A single device that does it all!

Lexmark has brought incredible advancements to the world of multifunction. As always, you can save considerably by consolidating all your print, copy, fax and scan functions into a single, compact device. And you still benefit from a single set of consumables and a single service contract. But now Lexmark has raised the bar even higher...

Today we bring you the simplest, most intuitive multifunction devices in the history of office workflow. Introducing the Lexmark X Family – multifunction redefined!

### Welcome to the big screen

Incredibly large, bright, colourful, adjustable and fully customisable, Lexmark's new multifunction touch-screen simplifies operation dramatically. Your end-users are now just a touch away from all the functions they need to stay productive. They can even use it to preview scans before they print.

### Multitalented productivity

The ultra-rapid print speeds of up to 48 pages per minute are just part of the productivity story here. Lexmark's X range also offers a rich range of advanced features, including single-pass duplex colour scanning, direct printing from a USB key, cutting-edge security and much, much more.

## Lexmark solutions

### The ideal way to maximise productivity!

Designed with an embedded-solutions framework, Lexmark's X MFPs provide the perfect vehicle for Lexmark's wide range of workflow-enhancing applications and solutions.

Whether you want print-on-demand forms, distributed capture, document accounting, or a complete end-to-end Electronic Document Management System (EDMS), Lexmark solutions can help you boost productivity and drive down costs at virtually every stage of your workflow.

Find out more from your Lexmark representative.

#### 32K cartridges

Whichever model you choose, you can drive down your total cost of printing with the optional 32K aftermarket cartridges



#### Lexmark X644e

Up to 48 ppm in A4

- Affordably priced, ideal for mid-sized work groups
- New robust and reliable all-in-one design
- Compact, low profile, fits well in small workstations



#### Lexmark X646e

Up to 48 ppm in A4

- + 40GB internal hard drive supports more functionality
- Colour scan previews directly on LCD screen
- Embedded framework for Lexmark workflow solutions



#### Lexmark X646dte

Up to 48 ppm in A4

- Standard automatic duplex printing to eliminate waste
- Additional input drawer for total 1100-sheet capacity
- Shipped with high-yield 21K toner cartridge



#### Lexmark X646ef

Up to 48 ppm in A4

- Includes Lexmark 4600 large-screen multifunction unit
- Comes with wide range of advanced finishing features
- Modular-furniture configuration optimises space

# Lexmark X644e MFP

## Affordable MFP for mid-sized workgroups

Running your business efficiently requires easy access to the essential functions you rely on. That's where the X644e's multifunction talents come in. Built for speed and stamina, it saves you money and improves productivity. And thanks to the innovative touch-screen, working is easier than ever before. | Professional

### Print Technology

Monochrome Laser

### Function

Printing, Network Scanning, Copying, Colour Scanning, Faxing

### Print Speed (A4, Black)

Up to 48 ppm

### Print Speed (Letter, Black)

Up to 50 ppm

### Time to First Page (Black)

as fast as 8.5 seconds

### Copy Speed (A4, Black)

Up to 48 cpm

### Time to First Copy (Black)

as fast as 7.5 seconds

### Print Resolution, Black

600 x 600 dpi

1200 x 1200 dpi

2400 Image Quality

1200 Image Quality

### Scanning Resolution

600 X 300 dpi (color), 600 X 600 dpi

### Processor

533 MHz

### Memory, Standard

256 MB

### Memory, Maximum

768 MB

### Expandable Memory Options

Yes

### Apple Macintosh Operating Systems Supported

#### Mac OS 9.x, Mac OS X

#### Citrix MetaFrame

Microsoft Windows Server 2003 x64 Edition (Standard, Enterprise) running Terminal Server with Citrix Presentation Server 4.0, Microsoft Windows Server 2003 running Terminal Server with Citrix Presentation Server 4.0, Microsoft Windows Server 2003 running Terminal Server with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0, Citrix, MetaFrame and MetaFrame XP are registered trademarks or trademarks of Citrix Systems, Inc. in the U.S. and other countries., Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 4.0

### Linux Operating Systems Supported

Linspire Linux 4.5, Debian GNU/Linux 3.0, SuSE Linux Professional 9.1, 9.2, SuSE Linux

Enterprise Server 8.0, 9.0, Linpus Linux 9.2, Red Flag Linux 4.0, Red Hat Enterprise Linux WS 3.0, 4.0

### Microsoft Windows Operating Systems Supported

Server 2003 x64 Edition (Standard, Enterprise) running Terminal Services, Server 2003 (Standard, Enterprise) x64 Edition, Server 2003 (Standard, Enterprise) running Terminal Server, 2000 Server running Terminal Services, XP Professional x64, Server 2003 (Standard, Enterprise), Me, 2000 (Professional/Server/Advanced Server), NT (4.00/4.00 Server), XP (Home, Professional), 98 2nd Edition

### Novell Operating Systems Supported

NetWare 5.x, 6.x with iPrint or Novell Distributed Print Services (NDPS), NetWare 4.2, 5.x and 6.x (NDS), Open Enterprise Server for Netware with NDS, iPrint or Novell Distributed Print Services (NDPS), NetWare@ 3.2, 4.2 (bindery)

### UNIX Operating Systems Supported

Sun Solaris x86 10, IBM AIX 5.1, 5.2, 5.3, HP-UX 11.00, 11.11, Sun Solaris 7, 8, 9, 10

### Other Operating Systems Supported

Virtually any platform supporting TCP/IP, IBM iSeries or IBM AS/400@ Systems with TCP/IP with OS/400@ V3R1 or later using OS/400 Host Print Transform

### Paper Handling Standard

100-Sheet Multipurpose Feeder, 500-Sheet Output Bin, 500-Sheet Input Tray

### Paper Handling Optional

2,000-Sheet High-capacity Feeder, 250-Sheet Universally Adjustable Tray with Drawer, 400-Sheet Universally Adjustable Tray with Drawer, Envelope Feeder, 500-Sheet Duplex Unit, 500-Sheet Drawer, Optional furniture required., 250-Sheet Drawer

### Paper Input Capacity (Standard)

600 pages 20 lb or 75 gsm bond

### Paper Input Capacity (Maximum)

3100 pages 20 lb or 75 gsm bond

### Paper Output Capacity (Standard)

500 pages 20 lb or 75 gsm bond

### Paper Output Capacity (Maximum)

500 pages 20 lb or 75 gsm bond

### Copy/Fax/Scan (ADF) Paper Input Capacity

Up to 50 pages 20 lb or 75 gsm bond

### Envelope Capacity

85

### Finishing Option

No

### Number of Paper Inputs

2

### Number of Paper Inputs, Maximum

4

### Media Types Supported

Refer to the Card Stock & Label Guide, Card Stock, Dual Web Labels, Envelopes, Integrated Labels, Paper Labels, Plain Paper, Polyester Labels, Transparencies, Vinyl Labels

### Media Sizes Supported

Universal, Statement, Legal, Executive, Folio, JIS-B5, Letter, DL Envelope, 10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C5 Envelope (9999 x 9999 mm - 0 x 0 mm)

### Standard Ports

USB Direct interface on Operator Panel, Ethernet 10/100BaseTX (RJ-45), One Internal Card Slot, USB Compatible with USB 2.0 Specification

### Optional Network Ports

External 802.11g Wireless, Lexmark N4050e 802.11g Wireless Print Server (Print Only)

### Network Printing Methods

FTP, TFTP, Enhanced IP (Port 9400), NDPS/NEPS (Novell Distributed Print Services, Novell Netware Enterprise Print Services), NDS Queue-based Printing, HTTP, IPP (Internet Printing Protocol), Socket (Raw TCP/IP), Direct IP (Port 9100), LPR/LPD

### Network Protocol Support

TCP/IP IPv6, AppleTalk™, IPX/SPX, TCP/IP IPv4, LexLink (DLC)

### Network Security

IPSec, Authenticated and encrypted MarkVision Professional communication, TCP/IP port access control, SNMPv3, SSL Enabled Embedded Web Server, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS

### Printable Area

4.2 mm of the top, bottom, right and left edges (within)

### Printer Languages (Standard)

PDF 1.5, PostScript 3 Emulation, PCL 6 Emulation, Personal Printer Data Stream (PPDS)

### Reduce / Enlarge Range

25 - 400 %

### Scan Area, Maximum

216 x 355.6 mm

### Modem Speed

33.6 Kbps

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

831 x 759 x 673 mm

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

710 x 560 x 645 mm

### Weight (kg)

37.65 kg

### Noise Level, Idle

30 dBA

### Print Noise Level, Operating

56 dBA

### Copy Noise Level, Operating

62 dBA

### Scan Noise Level, Operating

59 dBA

### Product Guarantee

One Year OnSite Repair

### Product Certifications

Energy Star, CSA, ICES Class A, BSMI Class A, VCCI Class A, FCC Class A, UL 60950-1, IEC 320-1, ECMA-74, CE Class A, CB IEC 60950 1, IEC 61000-3-2, -3-3, EN 55022, EN 55024, GS (TUV)-EN 60950-1, SEMKO, UL AR, CS, TÜV Rh, N Mark, C-tick Class A, CCC Class A, RPC, PSB, MIC, EK - K60950

### Duty Cycle

Up to 225,000 one-time maximum Impressions per month

### Specified Operating Environment

Altitude: 0 - 3048 Meters (10,000 Feet)

### Supplies

Ships with 21K\* pages Return Programme toner cartridge  
32K\* pages Extra High Yield Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available  
21K\* pages High Yield Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available

10K\* pages Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available

- Printers and supplies are designed for use in Europe, Middle East and Africa only

\* Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

### Cost saving & environmental features

Energy Star compliant  
Taiwan Green Mark  
WEEE  
RoHS



Lexmark believes that the environment is a critical component of responsible business management and clearly demonstrates it by implementing the "4R" strategy: Reduce, Recover, Reuse and Recycle. To learn more about these programmes please visit [www.lexmark.com/recycle](http://www.lexmark.com/recycle)



With our innovative solutions and services, we help you PRINT smarter, MOVE information faster and MANAGE output more efficiently across your enterprise. Ask your local Lexmark representative for more information.

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We make printing easy

LEXMARK

# Lexmark X646e MFP

## Greater workflow possibilities

Ideal for your busy departmental needs, Lexmark's X646e mono MFP offers more than 40GB of internal hard drive to support high-end functions, like Lexmark's cost-efficient document workflow solutions. This hard-drive boost also gives you more touch-screen capabilities, including on-screen scan previews in full colour.

### Print Technology

Monochrome Laser

### Function

Printing, Network Scanning, Copying, Colour Scanning, Faxing

### Print Speed (A4, Black)

Up to 48 ppm

### Print Speed (Letter, Black)

Up to 50 ppm

### Time to First Page (Black)

as fast as 8.5 seconds

### Copy Speed (A4, Black)

Up to 48 cpm

### Time to First Copy (Black)

as fast as 7.5 seconds

### Print Resolution, Black

600 x 600 dpi

1200 x 1200 dpi

2400 Image Quality

1200 Image Quality

### Scanning Resolution

600 X 300 dpi (color), 600 X 600 dpi

### Processor

533 MHz

### Memory, Standard

256 MB

### Memory, Maximum

768 MB

### Expandable Memory Options

Yes

### Apple Macintosh Operating Systems Supported

Mac OS 9.x, Mac OS X

### Citrix MetaFrame

Microsoft Windows Server 2003 x64 Edition (Standard, Enterprise) running Terminal Server with Citrix Presentation Server 4.0, Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 4.0, Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Citrix, MetaFrame and MetaFrame XP are registered trademarks or trademarks of Citrix Systems, Inc. in the U.S. and other countries., Microsoft Windows Server 2003 running Terminal Server with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0, Microsoft Windows Server 2003 running Terminal Server with Citrix Presentation Server 4.0

### Linux Operating Systems Supported

Linspire Linux 4.5, Red Hat Enterprise Linux

WS 3.0, 4.0, Red Flag Linux 4.0, Linpus Linux 9.2, SuSE Linux Enterprise Server 8.0, 9.0, Debian GNU/Linux 3.0, SuSE Linux Professional 9.1, 9.2

### Microsoft Windows Operating Systems Supported

Server 2003 x64 Edition (Standard, Enterprise) running Terminal Services, Server 2003 (Standard, Enterprise) x64 Edition, Server 2003 (Standard, Enterprise) running Terminal Server, 2000 Server running Terminal Services, XP Professional x64, Server 2003 (Standard, Enterprise), Me, 2000 (Professional/Server/Advanced Server), NT (4.00/4.00 Server), XP (Home, Professional), 98 2nd Edition

### Novell Operating Systems Supported

NetWare 5.x, 6.x with iPrint or Novell Distributed Print Services (NDPS), Open Enterprise Server for Netware with NDS, iPrint or Novell Distributed Print Services (NDPS), NetWare® 3.2, 4.2 (bindery), NetWare 4.2, 5.x and 6.x (NDS)

### UNIX Operating Systems Supported

Sun Solaris x86 10, HP-UX 11.00, 11.11, Sun Solaris 7, 8, 9, 10, IBM AIX 5.1, 5.2, 5.3

### Other Operating Systems Supported

Virtually any platform supporting TCP/IP, IBM iSeries or IBM AS/400® Systems with TCP/IP with OS/400® V3R1 or later using OS/400 Host Print Transform

### Paper Handling Standard

100-Sheet Multipurpose Feeder, 500-Sheet Output Bin, 500-Sheet Input Tray

### Paper Handling Optional

2,000-Sheet High-capacity Feeder, 250-Sheet Universally Adjustable Tray with Drawer, 400-Sheet Universally Adjustable Tray with Drawer, Envelope Feeder, 500-Sheet Duplex Unit, 500-Sheet Drawer, Optional furniture required., 250-Sheet Drawer

### Paper Input Capacity (Standard)

600 pages 20 lb or 75 gsm bond

### Paper Input Capacity (Maximum)

3100 pages 20 lb or 75 gsm bond

### Paper Output Capacity (Standard)

500 pages 20 lb or 75 gsm bond

### Paper Output Capacity (Maximum)

500 pages 20 lb or 75 gsm bond

### Copy/Fax/Scan (ADF) Paper Input Capacity

Up to 50 pages 20 lb or 75 gsm bond

### Envelope Capacity

85

### Finishing Option

No

### Number of Paper Inputs

2

### Number of Paper Inputs, Maximum

4

### Media Types Supported

Refer to the Card Stock & Label Guide, Card Stock, Dual Web Labels, Envelopes, Integrated Labels, Paper Labels, Plain Paper, Polyester Labels, Transparencies, Vinyl Labels

### Media Sizes Supported

Universal, Statement, Legal, Executive, Folio, JIS-B5, Letter, DL Envelope, 10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C5 Envelope (9999 x 9999 mm - 0 x 0 mm)

### Standard Ports

USB Direct interface on Operator Panel, Ethernet 10/100BaseTX (RJ-45), One Internal Card Slot, USB Compatible with USB 2.0 Specification

### Optional Network Ports

Internal 802.11g Wireless, Internal Gigabit Ethernet, Lexmark N4050e 802.11g Wireless Print Server (Print Only), Internal Fiber 100Basefx, External 802.11g Wireless

### Network Printing Methods

FTP, TFTP, Enhanced IP (Port 9400), NDPS/NEPS (Novell Distributed Print Services, Novell Netware Enterprise Print Services), NDS Queue-based Printing, HTTP, IPP (Internet Printing Protocol), Socket (Raw TCP/IP), Direct IP (Port 9100), LPR/LPD

### Network Protocol Support

TCP/IP IPv6, AppleTalk™, IPX/SPX, TCP/IP IPv4, LexLink (DLC)

### Network Security

IPSec, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS, TCP/IP port access control, SNMPv3, SSL Enabled Embedded Web Server, Authenticated and encrypted MarkVision Professional communication

### Printable Area

4.2 mm of the top, bottom, right and left edges (within)

### Printer Languages (Standard)

PDF 1.5, PostScript 3 Emulation, PCL 6 Emulation, Personal Printer Data Stream

(PPDS)

### Reduce / Enlarge Range

25 - 400 %

### Scan Area, Maximum

216 x 355.6 mm

### Modem Speed

33.6 Kbps

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

831 x 759 x 673 mm

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

710 x 560 x 645 mm

### Weight (kg)

38.3 kg

### Noise Level, Idle

30 dBA

### Print Noise Level, Operating

56 dBA

### Copy Noise Level, Operating

62 dBA

### Scan Noise Level, Operating

59 dBA

### Product Guarantee

One Year OnSite Repair

### Product Certifications

Energy Star, CSA, ICES Class A, BSMI Class A, VCCI Class A, FCC Class A, UL 60950-1, IEC 60320-1, ECMA-74, CE Class A, CB IEC 60950 1, IEC 61000-3-2, -3-3, EN 55022, EN 55024, GS (TÜV)-EN 60950-1, SEMKO, UL AR, CS, TÜV Rh, N Mark, C-tick Class A, CCC Class A, RPC, PSB, MIC, EK - K60950

### Duty Cycle

Up to 225,000 one-time maximum Impressions per month

### Specified Operating Environment

Altitude: 0 - 3048 Meters (10,000 Feet)

### Supplies

Ships with 21K\* pages Return Programme toner cartridge  
32K\* pages Extra High Yield Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available  
21K\* pages High Yield Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available

10K\* pages Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available

- Printers and supplies are designed for use in Europe, Middle East and Africa only

\* Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

### Cost saving & environmental features

Energy Star compliant  
Taiwan Green Mark  
WEEE  
RoHS



Lexmark believes that the environment is a critical component of responsible business management and clearly demonstrates it by implementing the "4R" strategy: Reduce, Recover, Reuse and Recycle. To learn more about these programmes please visit [www.lexmark.com/recycle](http://www.lexmark.com/recycle)



With our innovative solutions and services, we help you PRINT smarter, MOVE information faster and MANAGE output more efficiently across your enterprise. Ask your local Lexmark representative for more information.

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# Lexmark X646dte MFP

## More efficiency for large print runs

A tough and reliable multifunction device is the backbone of any busy enterprise – and the X646dte is built to handle the weight. Large or complex document tasks are carried out more quickly and easily than ever before, saving you time and money while enhancing your workgroup's productivity. | Professional

### Print Technology

Monochrome Laser

### Function

Printing, Network Scanning, Faxing, Colour Scanning, Copying

### Print Speed (A4, Black)

Up to 48 ppm

### Print Speed (A4, Black) Duplex

Up to 36 ppm

### Print Speed (Letter, Black)

Up to 50 ppm

### Print Speed (Letter, Black) Duplex

Up to 37 ppm

### Time to First Page (Black)

as fast as 8.5 seconds

### Copy Speed (A4, Black)

Up to 48 cpm

### Time to First Copy (Black)

as fast as 7.5 seconds

### Print Resolution, Black

600 x 600 dpi  
1200 x 1200 dpi  
2400 Image Quality  
1200 Image Quality

### Scanning Resolution

600 X 300 dpi (color), 600 X 600 dpi

### Processor

533 MHz

### Memory, Standard

256 MB

### Memory, Maximum

768 MB

### Expandable Memory Options

Yes

### Apple Macintosh Operating Systems

#### Supported

Mac OS 9.x, Mac OS X

### Citrix MetaFrame

Microsoft Windows Server 2003 x64 Edition (Standard, Enterprise) running Terminal Server with Citrix Presentation Server 4.0, Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 4.0, Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Citrix, MetaFrame and MetaFrame XP are registered trademarks or trademarks of Citrix Systems, Inc. in the U.S. and other countries., Microsoft Windows Server 2003 running Terminal Server with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0, Microsoft Windows Server 2003 running

Terminal Server with Citrix Presentation Server 4.0.

### Linux Operating Systems Supported

Linspire Linux 4.5, Red Hat Enterprise Linux WS 3.0, 4.0, Red Flag Linux 4.0, Linpus Linux 9.2, SuSE Linux Enterprise Server 8.0, 9.0, Debian GNU/Linux 3.0, SuSE Linux Professional 9.1, 9.2

### Microsoft Windows Operating Systems Supported

Server 2003 x64 Edition (Standard, Enterprise) running Terminal Services, Server 2003 (Standard, Enterprise) x64 Edition, Server 2003 (Standard, Enterprise) running Terminal Server, 2000 Server running Terminal Services, XP Professional x64, Server 2003 (Standard, Enterprise), Me, 2000 (Professional/Server/Advanced Server), NT (4.00/4.00 Server), XP (Home, Professional), 98 2nd Edition

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NetWare 5.x, 6.x with iPrint or Novell Distributed Print Services (NDPS), Open Enterprise Server for Netware with NDS, iPrint or Novell Distributed Print Services (NDPS), NetWare® 3.2, 4.2 (bindery), NetWare 4.2, 5.x and 6.x (NDS)

### UNIX Operating Systems Supported

Sun Solaris x86 10, HP-UX 11.00, 11.11, Sun Solaris 7, 8, 9, 10, IBM AIX 5.1, 5.2, 5.3

### Other Operating Systems Supported

Virtually any platform supporting TCP/IP, IBM iSeries or IBM AS/400® Systems with TCP/IP with OS/400® V3R1 or later using OS/400 Host Print Transform

### Paper Handling Standard

100-Sheet Multipurpose Feeder, 500-Sheet Duplex Unit, 500-Sheet Drawer, 500-Sheet Input Tray, 500-Sheet Output Bin

### Paper Handling Optional

Optional furniture required., 250-Sheet Universally Adjustable Tray with Drawer, 250-Sheet Drawer, Envelope Feeder, 500-Sheet Drawer, 400-Sheet Universally Adjustable Tray with Drawer

### Paper Input Capacity (Standard)

1100 pages 20 lb or 75 gsm bond

### Paper Input Capacity (Maximum)

3100 pages 20 lb or 75 gsm bond

### Paper Output Capacity (Standard)

500 pages 20 lb or 75 gsm bond

### Paper Output Capacity (Maximum)

500 pages 20 lb or 75 gsm bond

### Copy/Fax/Scan (ADF) Paper Input Capacity

Up to 50 pages 20 lb or 75 gsm bond

### Envelope Capacity

85

### Finishing Option

No

### Number of Paper Inputs

3

### Number of Paper Inputs, Maximum

4

### Media Types Supported

Refer to the Card Stock & Label Guide, Card Stock, Dual Web Labels, Envelopes, Integrated Labels, Paper Labels, Plain Paper, Polyester Labels, Transparencies, Vinyl Labels

### Media Sizes Supported

Universal, Statement, Legal, Executive, Folio, JIS-B5, Letter, DL Envelope, 10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C5 Envelope (9999 x 9999 mm - 0 x 0 mm)

### Standard Ports

USB Direct interface on Operator Panel, Ethernet 10/100BaseTX (RJ-45), One Internal Card Slot, USB Compatible with USB 2.0 Specification

### Optional Network Ports

Internal 802.11g Wireless, Internal Gigabit Ethernet, Lexmark N4050e 802.11g Wireless Print Server (Print Only), Internal Fiber 100Basefx, External 802.11g Wireless

### Network Printing Methods

FTP, TFTP, Enhanced IP (Port 9400), NDPS/NEPS (Novell Distributed Print Services, Novell Netware Enterprise Print Services), NDS Queue-based Printing, HTTP, IPP (Internet Printing Protocol), Socket (Raw TCP/IP), Direct IP (Port 9100), LPR/LPD

### Network Protocol Support

TCP/IP IPv6, AppleTalk™, IPX/SPX, TCP/IP IPv4, LexLink (DLC)

### Network Security

IPSec, Authenticated and encrypted MarkVision Professional communication, TCP/IP port access control, SNMPv3, SSL Enabled Embedded Web Server, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS

### Printable Area

4.2 mm of the top, bottom, right and left edges (within)

### Printer Languages (Standard)

PDF 1.5, PostScript 3 Emulation, PCL 6 Emulation, Personal Printer Data Stream (PPDS)

### Reduce / Enlarge Range

25 - 400 %

### Scan Area, Maximum

216 x 355.6 mm

### Modem Speed

33.6 Kbps

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

1463 x 759 x 673 mm

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

890 x 560 x 660 mm

### Weight (kg)

46.6 kg

### Noise Level, Idle

30 dBA

### Print Noise Level, Operating

56 dBA

### Copy Noise Level, Operating

62 dBA

### Scan Noise Level, Operating

59 dBA

### Product Guarantee

One Year OnSite Repair

### Product Certifications

Energy Star, CSA, ICES Class A, BSMI Class A, VCCI Class A, FCC Class A, UL 60950-1, IEC 320-1, ECMA-74, CE Class A, CB IEC 60950 1, IEC 61000-3-2, -3-3, EN 55022, EN 55024, GS (TUV)-EN 60950-1, SEMKO, UL AR, CS, TÜV Rh, N Mark, C-tick Class A, CCC Class A, RPC, PSB, MIC, EK - K60950

### Duty Cycle

Up to 225,000 one-time maximum Impressions per month

### Specified Operating Environment

Altitude: 0 - 3048 Meters (10,000 Feet)

### Supplies

Ships with 21K\* pages Return Programme toner cartridge  
32K\* pages Extra High Yield Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available  
21K\* pages High Yield Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available

10K\* pages Return Programme toner cartridge (aftermarket).  
Regular cartridge is also available

- Printers and supplies are designed for use in Europe, Middle East and Africa only

\* Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

### Cost saving & environmental features

Energy Star compliant  
Taiwan Green Mark  
WEEE  
RoHS



Lexmark believes that the environment is a critical component of responsible business management and clearly demonstrates it by implementing the "4R" strategy: Reduce, Recover, Reuse and Recycle. To learn more about these programmes please visit [www.lexmark.com/recycle](http://www.lexmark.com/recycle)



With our innovative solutions and services, we help you PRINT smarter, MOVE information faster and MANAGE output more efficiently across your enterprise. Ask your local Lexmark representative for more information.

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We make printing easy

LEXMARK

# Lexmark X646ef MFP

## Fully equipped from start to finish

Great for large enterprises that rely heavily on finishing, the Lexmark X646ef comes fully configured and ready to go, saving you valuable time and money when you need to produce large quantities of professional documents quickly and efficiently.

### Print Technology

Monochrome Laser

#### Function

Printing, Network Scanning, Copying, Faxing, Colour Scanning

#### Print Speed (A4, Black)

Up to 48 ppm

#### Print Speed (A4, Black) Duplex

Up to 36 spm

#### Print Speed (Letter, Black)

Up to 50 ppm

#### Print Speed (Letter, Black) Duplex

Up to 37 spm

#### Time to First Page (Black)

as fast as 8.5 seconds

#### Copy Speed (A4, Black)

Up to 48 cpm

#### Time to First Copy (Black)

as fast as 9 seconds

#### Print Resolution, Black

600 x 600 dpi

1200 x 1200 dpi

2400 Image Quality

1200 Image Quality

#### Scanning Resolution

600 X 600 dpi (mono), 300 X 300 dpi (color)

#### Processor

514 MHz

#### Memory, Standard

256 MB

#### Memory, Maximum

640 MB (replacement required)

#### Expandable Memory Options

Yes

#### Apple Macintosh Operating Systems

##### Supported

Mac OS 9.x, Mac OS X

#### Citrix MetaFrame

Microsoft Windows Server 2003 x64 Edition (Standard, Enterprise) running Terminal Server with Citrix Presentation Server 4.0, Microsoft Windows Server 2003 running Terminal Server with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0, Citrix, MetaFrame and MetaFrame XP are registered trademarks or trademarks of Citrix Systems, Inc. in the U.S. and other countries., Microsoft Windows 2000 Server running Terminal Services with Citrix MetaFrame XP Presentation Server or Citrix MetaFrame Presentation Server 3.0., Microsoft Windows 2000 Server running Terminal Services with Citrix Presentation Server 4.0, Microsoft Windows Server 2003 running Terminal Server with Citrix Presentation Server 4.0

#### Linux Operating Systems Supported

Linpire Linux 4.5, Debian GNU/Linux 3.0, SuSE Linux Professional 9.1, 9.2, SuSE Linux Enterprise Server 8.0, 9.0, Linpus Linux 9.2, Red Hat Linux 4.0, Red Hat Enterprise Linux WS 3.0, 4.0

#### Microsoft Windows Operating Systems Supported

Server 2003 x64 Edition (Standard, Enterprise) running Terminal Services, Server 2003 (Standard, Enterprise) x64 Edition, Server 2003 (Standard, Enterprise) running Terminal Server, 2000 Server running Terminal Services, XP Professional x64, Server 2003 (Standard, Enterprise), Me, 2000 (Professional/Server/Advanced Server), NT (4.00/4.00 Server), XP (Home, Professional), 98 2nd Edition

#### Novell Operating Systems Supported

NetWare 5.x, 6.x with iPrint or Novell Distributed Print Services (NDPS), NetWare 4.2, 5.x and 6.x (NDS), Open Enterprise Server for Netware with NDS, iPrint or Novell Distributed Print Services (NDPS), NetWare® 3.2, 4.2 (bindery)

#### UNIX Operating Systems Supported

Sun Solaris x86 10, IBM AIX 5.1, 5.2, 5.3, Sun Solaris 7, 8, 9, 10, HP-UX 11.00, 11.11

#### Other Operating Systems Supported

Virtually any platform supporting TCP/IP, IBM iSeries or IBM AS/400® Systems with TCP/IP with OS/400® V3R1 or later using OS/400 Host Print Transform

#### Paper Handling Standard

StapleSmart Finisher, 500-Sheet Duplex Unit, 500-Sheet Output Bin, 500-Sheet Input Tray, 100-Sheet Multipurpose Feeder, 500-Sheet Drawer

#### Paper Handling Optional

Envelope Feeder

#### Paper Input Capacity (Standard)

1100 pages 20 lb or 75 gsm bond

#### Paper Input Capacity (Maximum)

1100 pages 20 lb or 75 gsm bond

#### Paper Output Capacity (Standard)

1250 pages 20 lb or 75 gsm bond

#### Paper Output Capacity (Maximum)

1250 pages 20 lb or 75 gsm bond

#### Copy/Fax/Scan (ADF) Paper Input Capacity

Up to 50 pages 20 lb or 75 gsm bond

#### Envelope Capacity

85

#### Finishing Option

Standard

#### Number of Paper Inputs

3

#### Number of Paper Inputs, Maximum

3

#### Media Types Supported

Refer to the Card Stock & Label Guide, Card Stock, Dual Web Labels, Envelopes, Integrated Labels, Paper Labels, Plain Paper, Polyester Labels, Transparencies, Vinyl Labels

#### Media Sizes Supported

Universal, Statement, Legal, Executive, Folio, JIS-B5, Letter, DL Envelope, 10 Envelope, 7 3/4 Envelope, 9 Envelope, A4, A5, B5 Envelope, C5 Envelope (9999 x 9999 mm - 0 x 0 mm)

#### Standard Ports

USB Direct interface on Operator Panel, USB Compatible with USB 2.0 Specification, Ethernet 10/100BaseTX (RJ-45)

#### Optional Network Ports

External 802.11g Wireless, Lexmark N4050e 802.11g Wireless Printer Server (Print Only)

#### Network Printing Methods

FTP, TFTP, Enhanced IP (Port 9400), NDPS/NEPS (Novell Distributed Print Services, Novell Netware Enterprise Print Services), NDS Queue-based Printing, HTTP, IPP (Internet Printing Protocol), Socket (Raw TCP/IP), Direct IP (Port 9100), LPR/LPD

#### Network Protocol Support

TCP/IP IPv6, AppleTalk™, IPX/SPX, TCP/IP IPv4, LexLink (DLC)

#### Network Security

IPSec, Authenticated and encrypted MarkVision Professional communication, TCP/IP port access control, SSL Enabled Embedded Web Server, SNMPv3, 802.1x Authentication: MD5, MSCHAPv2, LEAP, PEAP, TLS, TTLS

#### Printable Area

4.2 mm of the top, bottom, right and left edges (within)

#### Printer Languages (Standard)

PDF 1.5, PostScript 3 Emulation, PCL 6 Emulation, Personal Printer Data Stream (PPDS)

#### Reduce / Enlarge Range

25 - 400 %

#### Scan Area, Maximum

216 x 355.6 mm

#### Modem Speed

33.6 Kbps

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

1041 x 1219 x 1016 mm

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

1448 x 699 x 742 mm

#### Weight (kg)

81.65 kg

#### Noise Level, Idle

35 dBA

#### Print Noise Level, Operating

53 dBA

#### Copy Noise Level, Operating

58 dBA

#### Scan Noise Level, Operating

53 dBA

#### Product Guarantee

One Year OnSite Repair

#### Product Certifications

Energy Star, CSA, ICES Class A, BSMI Class A, VCCI Class A, FCC Class A, UL 60950-1, IEC 60320-1, ECMA-74, CE Class A, CB IEC 60950 1, IEC 60825-1, IEC 61000-3-2, -3-3, EN 55022, EN 55024, CISPIR 22 Class A, GS (TÜV)-EN 60950-1, SEMKO, UL AR, CS, TÜV Rh, A-tick Class A, CCC Class A, PSB, MIC, EK - K60950

#### Duty Cycle

Up to 250,000 one-time maximum

Impressions per month

#### Specified Operating Environment

Altitude: 0 - 3048 Meters (10,000 Feet)

### Supplies

Ships with 21K\* pages Return Programme toner cartridge

32K\* pages Extra High Yield Return Programme toner cartridge (aftermarket).

Regular cartridge is also available

21K\* pages High Yield Return Programme toner cartridge (aftermarket).

Regular cartridge is also available

10K\* pages Return Programme toner cartridge (aftermarket). Regular cartridge is also available

- Printers and supplies are designed for use in Europe, Middle East and Africa only

\* Average cartridge yield. Declared yield value in accordance with ISO/IEC 19752.

### Cost saving & environmental features

Energy Star compliant

Taiwan Green Mark

WEEE

RoHS



Lexmark believes that the environment is a critical component of responsible business management and clearly demonstrates it by implementing the "4R" strategy: Reduce, Recover, Reuse and Recycle. To learn more about these programmes please visit [www.lexmark.com/recycle](http://www.lexmark.com/recycle)



With our innovative solutions and services, we help you PRINT smarter, MOVE information faster and MANAGE output more efficiently across your enterprise. Ask your local Lexmark representative for more information.

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We make printing easy

LEXMARK™