

What You Should Know

Office Digital Imaging Product Evaluation

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Lexmark

X651de

A4 B/W 40-49 PPM MFPs

Lexmark Web Site and Authorized Dealers



Product Introduction

Lexmark introduced the X651de in October 2008 as part of its X650 family, which feature a 7" color touch screen, and were the first Lexmark MFPs to feature MyMFP. With MyMFP, users can save personal touch-screen settings and local address books on a memory drive, then after inserting their USB memory drive, re-access their settings and address books for a custom touch-screen display. The X651de also incorporates Lexmark's Embedded Solutions Framework (ESF) for creating custom applications accessible that can be accessed and activated at the touch screen.

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	650	Price	\$1,954.00	€1,399.85	
Imaging Technology	Laser	Max Media Capacity (sheets)	3,200	Duplex	\$0.00	€0.00	
Monthly Duty Cycle (pages)	200,000	Max Media Sources	5	Print	\$0.00	€0.00	
BW/Color Print Speed (PPM)	45	Max Media Width (inches/mm)	8.5	215.9	Network	\$0.00	€0.00
Max Print Resolution (DPI)	1200x1200	Max Media Length (inches/mm)	14.0	355.6	Scan	\$0.00	€0.00
Std Printer Memory (MB)	256	Max Media Wt. (bond, lbs./gsm)	53.3	179.9	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	1,280	Height (inches/mm)	29.70	754.38	Media Trays	550-sheet drawer	
Hard Drive (GB)	Optional 80 GB	Width (inches/mm)	21.60	548.64	Price	\$316.00	€226.38
Hard Drive Overwrite	Yes	Depth (inches/mm)	24.10	612.14	LCT	\$633.00	€453.48
Ethernet Network Interface	10/100BaseTX	Weight (pounds/kg)	100.0	45.4	Finisher	50-sheet finisher	
User Authentication	Yes	Power Consumption (watts)	N/A	Price	\$316.00	€226.38	

Feature Analysis, Ratings (from 0-5, with 5 being best) and Composite Scores

Value	2.5	Copying	3.0	Scanning	3.5	Printing	3.5
Overall Score	31.0	Copier Score	20.5	Scanner Score	18.5	Printer Score	24.5
Full System Price	\$1,954.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	600
Black Cost per Page	\$0.0182	Touch Screen	<input checked="" type="checkbox"/>	Network Scanning	<input checked="" type="checkbox"/>	Maximum Memory (MB)	1,280
Color Cost per Page		Hard Drive	<input checked="" type="checkbox"/>	Open Platform	<input checked="" type="checkbox"/>	BW/Color Print Speed	45
Black TCO* (5k/mo)	\$7,428.00	<div style="text-align: center;"> Wirth Consulting Performance Ratings (from 0-5, with 5 being best) </div>				Windows <input checked="" type="checkbox"/> Linux <input checked="" type="checkbox"/>	
Color TCO* (5k/mo)						Apple Mac <input checked="" type="checkbox"/> PCL <input checked="" type="checkbox"/>	
Mixed** TCO* (5k/mo)						GDI Printing <input type="checkbox"/> PostScript <input checked="" type="checkbox"/>	
*Base Price; **67% BW and 33% Color							
Features	3.0					Image Quality	2.5
USB Convenience Port	<input checked="" type="checkbox"/>					Imaging Technology	Laser
Scanner	<input checked="" type="checkbox"/>					Max. Resolution	1200x1200
Walk-Up Fax	<input checked="" type="checkbox"/>					BW Office IQ	<input checked="" type="checkbox"/>
LAN Fax	<input type="checkbox"/>					Color Office IQ	<input type="checkbox"/>
Duplex Printing	<input checked="" type="checkbox"/>					Professional IQ	<input type="checkbox"/>
Network Printing	<input checked="" type="checkbox"/>					Photographic IQ	<input type="checkbox"/>
Media Handling	3.0	Maintenance	3.0	Software	3.5	Ease of Use	3.5
Max Media Sources	5	Black Page Yield	25,000	Desktop Software	<input checked="" type="checkbox"/>	Usability Score	10.0
Max Wt. (bond, lbs.)	53.3	All-in-One Toner Cartridge	<input checked="" type="checkbox"/>	Web Utilities	<input checked="" type="checkbox"/>	Graphic Display	<input type="checkbox"/>
Feeds 110-lb. Index Stock	<input checked="" type="checkbox"/>	Holds Full Ream of Media	<input checked="" type="checkbox"/>	Adobe PostScript	<input type="checkbox"/>	Touch Screen	<input checked="" type="checkbox"/>
Max Weight from all Sources	<input type="checkbox"/>					Navigation Keys	<input type="checkbox"/>
Finishing	<input checked="" type="checkbox"/>					Holds Full Ream of Media	<input checked="" type="checkbox"/>

Consumables Pricing and Yields

*Based on an original area coverage of 5% per color. **Yield in pages

Consumable	Price	Yield**	Dev Price	Dev Yield**	Drum Price	Drum Yield**
Black Ink/Toner	\$431.00	25,000				
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type	Maintenance Kit					
Other	\$302.00	300,000				
Maintenance Kit						

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Supply Cost Per Page and Total Cost of Ownership*

*CPP and TCO include the base price depreciated over a five-year period (not including service) **Based on 66% Black/33% Color

Monthly Volume	Black CPP	Color CPP	Black TCO	Color TCO	Mixed TCO**
50 pages	\$0.670		\$2,008.74		
100 pages	\$0.344		\$2,063.48		
250 pages	\$0.149		\$2,227.70		
500 pages	\$0.083		\$2,501.40		
1,000 pages	\$0.051		\$3,048.80		
2,000 pages	\$0.035		\$4,143.60		
3,000 pages	\$0.029		\$5,238.40		
4,000 pages	\$0.026		\$6,333.20		
5,000 pages	\$0.025		\$7,428.00		

Consumables CPP

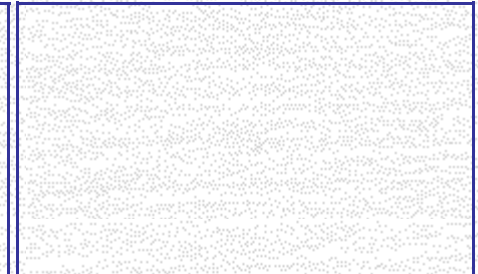
(Based on an original area coverage of 5% per color)

Black Cost Per Page
Black Consumables Cost per Page
\$0.0182
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- Print from and scan to USB memory drives. Microsoft Windows 7 ready.
 - Color scan to e-mail, FTP sites, computer desktop; preview scanned images on touch screen.
 - MyMFP enables users to save and re-access personal touch-screen settings and local address books on a memory drive. With Remote Copy, users scan an original in color, and it's automatically printed in color on a networked Lexmark color printer or MFP.
 - With Lexmark's Universal Print Driver, deploy one print driver for printing to all networked Lexmark MFPs and printers.
 - Lexmark's Embedded Solutions Framework (ESF) open-development platform for creating custom applications accessible at the touch screen.
 - Capable MarkVision Professional for device management over the network and for remote monitoring.
 - Security: IPsec, SNMPv3, 802.11x, net. authentication, encryption, hard-drive erasing.
 - All-in-one toner cartridge--no need to replace separate toner cartridge and drum.
- OPTIONS: 80-GB Hard Drive (\$598); 250/550-Sheet Drawer (\$100/\$316); 200/400-Sheet Universal Lockable Drawer (\$392/\$481); 250/400-Sheet Universal Drawer (\$337/\$421); 550-Sheet Lockable Drawer (\$379); 5-Bin Mailbox (\$506); 1,850-Sheet Stacker \$506); StapleSmart II Finisher (\$316); Super Group 3 Fax Card (\$421); Gigabit/Fiber/Wireless 8150.11n/Wireless 802.11b/g Print Server (\$180/\$605/\$544/\$169); IPDS Card (\$649); PrintCryption Card (\$249); Forms & Bard Code Card (\$419); 128/256/512MB SDRAM (\$724/\$749/\$899); Foreign Language Cards (\$255); 256 MB User Flash Memory (\$811).

Limitations



Notes

Pricing for toner cartridge is manufacturer's list price. Other consumables' pricing is obtained from Web sources and is not list pricing.

- ADF Maintenance Kit (\$199.95) (300,000 ADF scans).

Best Use

Offices and mid to large-size workgroups, and enterprises, that require a manageable (via MarkVision) office MFP and have primarily A4 (letter- and legal-size paper) B/W print, copy, fax and color scan applications, and who may also require extensive support for alternative/legacy platforms, but don't require document finishing. The system's ESF enables creating custom workflow, for instance, a scan-and-distribute application.