

What You Should Know

Office Digital Imaging Product Evaluation

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Lexmark

X862dte 3

A3 B/W 40-49 PPM MFPs
Authorized Dealers



Product Introduction

Introduced in October 2009, Lexmark's next-generation X862dte 3 is available in two versions (both with Gigabit Ethernet): the X862dte 3 includes copy, network print and color network scan; while the X862dte 4 adds Super Group 3 fax. The system features a new 9" color e-TASK touch screen, new system architecture, and Gigabit Ethernet network interface, as well as Lexmark's Embedded Solutions Framework (eSF) development platform, which enables creation of custom workflows accessible from the touch screen, for instance, for automating the processing of scanning and routing documents to a network storage folder. A 75-sheet DADF is standard. Optional document finishing includes stapling, saddle-stitch booklet making and document hole-punch.

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	2,100	Price	\$8,249.00	€5,909.58	
Imaging Technology	Laser	Max Media Capacity (sheets)	4,100	Duplex	\$0.00	€0.00	
Monthly Duty Cycle (pages)	200,000	Max Media Sources	6	Print	\$0.00	€0.00	
BW/Color Print Speed (PPM)	45	Max Media Width (inches/mm)	11.0	279.4	Network	\$0.00	€0.00
Max Print Resolution (DPI)	1,200x1,200	Max Media Length (inches/mm)	17.0	431.8	Scan	\$0.00	€0.00
Std Printer Memory (MB)	256	Max Media Wt. (bond, lbs./gsm)	58.0	195.8	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	1,280	Height (inches/mm)	43.00	1,092.20	Media Trays	N/A	
Hard Drive (GB)	80	Width (inches/mm)	25.25	641.35	Price		
Hard Drive Overwrite	Yes	Depth (inches/mm)	27.75	704.85	LCT	N/A	N/A
Ethernet Network Interface	10/100/1000BaseTX	Weight (pounds/kg)	218.0	98.9	Finisher	50-sheet Finisher	
User Authentication	Yes	Power Consumption (watts)	N/A	Price	N/A	N/A	

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

Value	4.0	Copying	3.0	Scanning	3.0	Printing	4.0				
Overall Score	33.5	Copier Score	23.0	Scanner Score	20.0	Printer Score	27.5				
Full System Price	\$8,249.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	800				
Black Cost per Page	\$0.0095	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)	\$11,092.53	<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
USB Convenience Port	<input checked="" type="checkbox"/>
Scanner	<input checked="" type="checkbox"/>
Walk-Up Fax	<input checked="" type="checkbox"/>
LAN Fax	<input type="checkbox"/>
Duplex Printing	<input checked="" type="checkbox"/>
Network Printing	<input checked="" type="checkbox"/>

Image Quality	3.0
Imaging Technology	Laser
Max. Resolution	1,200x1,200
BW Office IQ	<input checked="" type="checkbox"/>
Color Office IQ	<input type="checkbox"/>
Professional IQ	<input type="checkbox"/>
Photographic IQ	<input type="checkbox"/>

Media Handling	3.0
Max Media Sources	6
Max Wt. (bond, lbs.)	58.0
Feeds 110-lb. Index Stock	<input checked="" type="checkbox"/>
Max Weight from all Sources	<input type="checkbox"/>
Finishing	<input checked="" type="checkbox"/>

Maintenance	3.5
Black Page Yield	35,000
All-in-One Toner Cartridge	<input type="checkbox"/>
Holds Full Ream of Media	<input checked="" type="checkbox"/>

Software	3.5
Desktop Software	<input checked="" type="checkbox"/>
Web Utilities	<input checked="" type="checkbox"/>
Adobe PostScript	<input type="checkbox"/>
Open Platform	<input checked="" type="checkbox"/>

Ease of Use	3.5
Usability Score	10.5
Graphic Display	<input type="checkbox"/>
Touch Screen	<input checked="" type="checkbox"/>
Navigation Keys	<input 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	\$155.00	35,000			\$125.00	60,000
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type	Fuser/Maintenance Kit					
Other	\$607.96	300,000				
Maintenance Kit	\$141.00	150,000				

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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	\$2.759		\$8,274.62		
100 pages	\$1.384		\$8,300.23		
250 pages	\$0.559		\$8,377.08		
500 pages	\$0.284		\$8,505.15		
1,000 pages	\$0.147		\$8,761.31		
2,000 pages	\$0.078		\$9,273.61		
3,000 pages	\$0.055		\$9,955.12		
4,000 pages	\$0.044		\$10,523.83		
5,000 pages	\$0.037		\$11,092.53		

Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
\$0.0095
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- New 9" color touch screen; users may preview scanned images on the touch screen.
 - Microsoft Windows 7 ready; also supports a broad-range of alternative/legacy platforms.
 - Print on up to 120 lb. index stock (58 lb. bond).
 - Capable MarkVision network-management and remote-monitoring solution.
 - USB convenience port for print from and scan to USB memory devices.
 - Security include SNMPv3, IPsec, 802.1x Authentication, TLS, TTLS, IPsec, hard-drive erase, network authentication. Optional Print Cryption card and integrated card reader.
 - Standard 75-sheet duplexing automatic document feeder; Color scan to e-mail, USB memory cards, PC desktop, network folders at 55 (B/W)/27.5 (color) opm.
 - Supports Lexmark's Embedded Solutions Framework (eSF) open-development platform for creating custom workflows accessible from the touch screen.
 - Optional 3,500-sheet finisher (staple and document hole-punch) and Booklet Finisher (adds saddle-stitch booklet making).
 - My MFP enables users to save and then re-access their personal settings on a flash-memory device. Users can store and then display on the touch screen local address books, individual job-settings, etc., XPS and XHTML PDLs.
- OPTIONS: Super Group 3 fax; 2,000-sheet LCT; Ethernet 10BaseFX/FL; wireless 802.11 b/g/n; 802.g.11; 802.11g Wireless Networking; Fiber Fast Ethernet network interface; finisher/stapler, saddle-stitch booklet-maker, document hole-punch; PRESCRIBE Emulation Card (print Kyocera PRESCRIBE data streams); Bar Code Card; IPDS/SCS/TNE Card; Print Cryption Card; Fiber Ethernet network interface.

Limitations

- In general, printer-based MFPs have fewer advanced copier features (such as chapterization, positive/negative print, etc.) when compared to copier-based MFPs. However, note that most users will not likely require these advanced functions.

Notes

- ADF Maintenance Kit (\$141) is rated for 150,000 pages
- Maintenance Kit (\$347.96) is rated for 300,000 pages

Best Use

Offices and mid-size to large workgroups and enterprises that require an A3 office MFP for monochrome network print, color scan and copy and fax applications, and may require Lexmark's extensive support for alternative/legacy platforms, and that also may benefit from advanced custom applications that can be created with Lexmark's Embedded Solutions Framework open-development platform.