

What You Should Know

Office Digital Imaging Product Evaluation

Wednesday, January 06, 2010 2:03:23 PM

Lexmark

X466de

A4 B/W 40-49 PPM MFPs

Lexmark Web Site and Authorized Dealers



Product Introduction



Introduced in April 2009, the X466de is based on the X463de, but adds additional standard memory (256 MB in total), standard 80-GB hard drive, Super Group 3 walk-up fax, and Lexmark's Embedded Solutions Framework (ESF) open-development platform. ESF is used for creating custom applications that are accessed at the touch screen. For instance, one such application might involve a single touch-screen key that, when pressed, automatically applies particular scan settings to a document, and then automatically routes the scanned document to a pre-defined network folder. The X66dwe (\$1,599) adds greater standard paper capacity and wireless network connectivity.

Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	300	Price	\$1,499.00	€1,073.88	
Imaging Technology	Laser	Max Media Capacity (sheets)	850	Duplex	\$0.00	€0.00	
Monthly Duty Cycle (pages)	80,000	Max Media Sources	3	Print	\$0.00	€0.00	
BW/Color Print Speed (PPM)	40	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)	43.0	145.1	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	640	Height (inches/mm)	20.90	530.86	Media Trays	550-sheet drawer	
Hard Drive (GB)	80	Width (inches/mm)	19.20	487.68	Price	\$199.00	€142.56
Hard Drive Overwrite	Yes	Depth (inches/mm)	17.20	436.88	LCT	\$0.00	€0.00
Ethernet Network Interface	10/100BaseT	Weight (pounds/kg)	50.0	22.7	Finisher	None	
User Authentication	Yes	Power Consumption (watts)	N/A	Price	\$0.00	€0.00	

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	30.0	Copier Score	19.5	Scanner Score	18.5	Printer Score	23.5
Full System Price	\$1,499.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	500
Black Cost per Page	\$0.0192	Touch Screen	<input checked="" type="checkbox"/>	Network Scanning	<input checked="" type="checkbox"/>	Maximum Memory (MB)	640
Color Cost per Page		Hard Drive	<input checked="" type="checkbox"/>	Open Platform	<input checked="" type="checkbox"/>	BW/Color Print Speed	40
Black TCO* (5k/mo)	\$7,248.90	<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	Printing	3.5	Image Quality	2.5
USB Convenience Port	<input checked="" type="checkbox"/>	Imaging Technology	Laser	Printer Score	23.5	Max. Resolution	1200x1200
Scanner	<input checked="" type="checkbox"/>	Max. Resolution	1200x1200	BW Office IQ	<input checked="" type="checkbox"/>	Color Office IQ	<input type="checkbox"/>
Walk-Up Fax	<input checked="" type="checkbox"/>	Color Office IQ	<input type="checkbox"/>	Professional IQ	<input type="checkbox"/>	Photographic IQ	<input type="checkbox"/>
LAN Fax	<input type="checkbox"/>	Professional IQ	<input type="checkbox"/>	Photographic IQ	<input type="checkbox"/>		
Duplex Printing	<input checked="" type="checkbox"/>						
Network Printing	<input checked="" type="checkbox"/>						
Media Handling	2.5	Maintenance	2.5	Software	3.5	Ease of Use	3.5
Max Media Sources	3	Black Page Yield	15,000	Desktop Software	<input checked="" type="checkbox"/>	Usability Score	9.5
Max Wt. (bond, lbs.)	43.0	All-in-One Toner Cartridge	<input type="checkbox"/>	Web Utilities	<input checked="" type="checkbox"/>	Graphic Display	<input type="checkbox"/>
Feeds 110-lb. Index Stock	<input 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"/>			Open Platform	<input checked="" type="checkbox"/>	Navigation Keys	<input type="checkbox"/>
Finishing	<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	\$252.00	15,000			\$26.99	30,000
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type						
Other						
Maintenance Kit	\$176.00	120,000				

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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	\$0.519		\$1,552.10		
100 pages	\$0.269		\$1,605.20		
250 pages	\$0.119		\$1,764.50		
500 pages	\$0.069		\$2,029.99		
1,000 pages	\$0.044		\$2,560.98		
2,000 pages	\$0.032		\$3,798.96		
3,000 pages	\$0.027		\$4,948.94		
4,000 pages	\$0.025		\$6,098.92		
5,000 pages	\$0.024		\$7,248.90		

Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
\$0.0192
Color Cost Per Page
Color Consumables Cost per Page

Strengths

- Print from and scan to USB memory drives. Eco Mode reduces power consumption and applies automatic duplexing. 50-sheet duplexing automatic document feeder.
 - Color scan to e-mail, network folders (requires 256 MB of memory), and USB memory drives.
 - Lexmark's Embedded Solutions Framework (ESF) open-development platform for creating custom applications accessible at the touch screen.
 - PCL 5e, PCL 6 and PostScript 3 print drivers, as well as Personal Printer Data Stream (PPDS), XHTML, PDF 1.6, Direct Image, and Microsoft XPS XML.
 - 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.
 - Capable MarkVision Professional for device management over the network and for remote monitoring.
 - With Job Waiting, jobs will continue to print even though one job may lack the resources to be printed (such as an installed paper size or type), preventing job back-ups.
 - Security: IPSec, SNMPv3, 802.11x, net. authentication, encryption, hard-drive erasing.
- OPTIONS: Wireless 802.11n (\$544); Wireless 802.11b/g (\$169); Fiber Ethernet (\$605); IPDS & SCS/Tne Card (\$465); PrintCryption Card (\$249); Forms & Bar Code Card (\$419); 250/550-Sheet Media Drawer (\$163/\$252); 128/256/512 MB SDRAM (\$724/\$749/\$899).

Limitations

- Relatively lower standard and optional media capacity.
- No document finishing available.
- Relatively higher Cost Per Page (CPP) and Total Cost of Ownership (TCO).

Notes

- Pricing for toner and drum is manufacturer's list price. All other consumables' pricing is obtained from Web sources and is not list pricing.
- ADF Maintenance Kit (120,000 ADF scans - \$60).

Best Use

Offices and mid to large-size workgroups, and enterprises, that require a manageable (via MarkVision) office MFP and have primarily A4 (letter- or 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.