

# Wirth Consulting

## B2B Digital Imaging Product Evaluation

Friday, September 04, 2009 12:21:05 PM

# WYSK

"What You Should Know"

<b>Make</b>	Lexmark	<b>Model</b>	X560N
<b>Functions</b>	Print/Copy/Scan/Fax	<b>Imaging Technology</b>	Laser
<b>Classification</b>	Color MFPs From \$750 To \$1,000		



Lexmark introduced the X560N in January for small to mid-size office workgroups. The system provides standard out-of-the-box network connectivity via a 10/100Base-TX Ethernet network interface. It incorporates network color print, color copy, color scan and walk-up fax, and is compatible with Lexmark's MarkVision network management. Of note is that it can be equipped with high-yield toner cartridges rated to yield up to 10,000 pages, for fewer user interventions and longer uninterrupted operation.



## Specifications

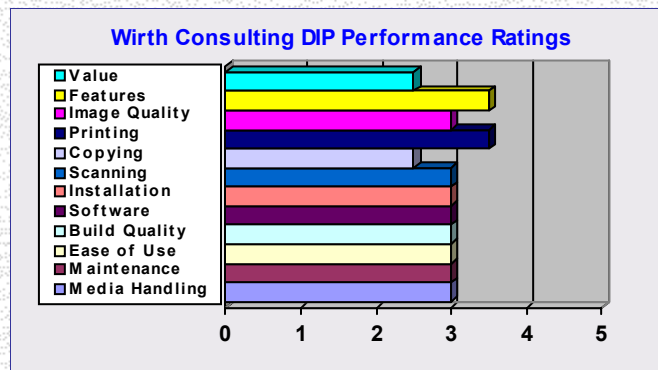
Monthly Duty Cycle	60,000	Max Media Width (inches)	8.5	215.90	mm	Price	\$999.00	€715.68
BW/Color Print Speed (PPM)	31/20	Max Media Length (inches)	14.0	355.60	mm	Duplex	\$199.00	€142.56
Max. Print Resolution (DPI)	600x600	Max Media Wt. (bond, lbs.)	47.0	158.63	gsm	Print		
Standard Memory (MB)	384.00	Height (inches)	36.20	919.48	mm	Network		
Std Media Capacity (sheets)	400	Width (inches)	23.00	584.20	mm	Scan		
Max Media Capacity (sheets)	950	Depth (inches)	27.60	701.04	mm	Doc Feeder		
Power Consumption (watts)	NA	Weight (pounds)	88.20	40.01	kg	Full System	<b>\$1,198.00</b>	<b>€858.25</b>

## Feature Checklist

<b>Value Add</b>	<b>Print</b>	<b>Scan</b>	<b>Copy</b>
USB Convenience Port <input type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input checked="" type="checkbox"/>	Duplex Document Feeder <input type="checkbox"/>
Scanner <input checked="" type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input checked="" type="checkbox"/>	<b>Ease of Use</b>
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	<b>Software</b>	Graphic Display <input checked="" type="checkbox"/>
LAN Fax <input type="checkbox"/>	Apple Mac <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/>	Touch Screen <input type="checkbox"/>
<b>Image Quality</b>	Linux <input checked="" type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input checked="" type="checkbox"/>
BW Office IQ <input checked="" type="checkbox"/>	GDI Printing <input type="checkbox"/>	<b>Media Handling</b>	<b>Maintenance</b>
Color Office IQ <input checked="" type="checkbox"/>	PCL <input checked="" type="checkbox"/>	Feeds Index Stock <input type="checkbox"/>	All-in-One Toner Cartridge <input checked="" type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	<b>Finishing</b>
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input checked="" type="checkbox"/>	Holds Full Ream of Media <input checked="" type="checkbox"/>	Finishing <input type="checkbox"/>

## Wirth Consulting Ratings\* \*On a scale of 0-5, with 5 being the best

Value	<b>2.5</b>
Features	<b>3.5</b>
Image Quality	<b>3.0</b>
Printing	<b>3.5</b>
Copying	<b>2.5</b>
Scanning	<b>3.0</b>



<b>3.0</b>	Installation
<b>3.0</b>	Software
<b>3.0</b>	Build Quality
<b>3.0</b>	Ease of Use
<b>3.0</b>	Maintenance
<b>3.0</b>	Media Handling

## Ratings Scoreboard\* \*Highest possible scores: Overall, 60; Copier, 45; Printer, 50; Scanner, 40; Usability, 25

<b>Overall Score</b>	<b>36.0</b>	<b>Copier Score</b>	<b>26.5</b>	<b>Printer Score</b>	<b>30.5</b>	<b>Scanner Score</b>	<b>24.0</b>	<b>Usability Score</b>	<b>15.0</b>
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## B2B Digital Imaging Product Evaluation

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Make **Lexmark**

Model **X560N**

Classification **Color MFPs From \$750 To \$1,000**

### Consumables Pricing and Yields\* \*All supply yields are based on an original area coverage of 5% per color

Black Ink/Toner Price	\$238.99	Magenta Ink/Toner Yield (pages)	10,000	Maintenance Kit Price	
Black Ink/Toner Yield	10,000	Yellow Ink/Toner Price	\$354.99	Maintenance Kit Yield	
Cyan Ink/Toner Price	\$354.99	Yellow Ink/Toner Yield	10,000	Other Type	X560 Transfer Belt
Cyan Ink/Toner Yield	10,000	Multicolor Ink Price		Other Price	
Magenta Ink/Toner Price	\$354.99	Multicolor Ink Yield		Other Yield	
Black Consumables Cost per Page		<b>\$0.0239</b>	Color Consumables Cost per Page		<b>\$0.1304</b>

### Total Cost Per Page\*

### Total Cost of Ownership\*\*

\*Cost Per Page and \*\*Total Cost of Ownership include the purchase price depreciated over a five-year period. \*\*\*Mixed=Based on print usage of 66% Black and 33% Color

Monthly Volume	Black CPP	Color CPP	Monthly Volume	Black TCO	Color TCO	***Mixed TCO
50 pages	<b>\$0.357</b>	<b>\$0.463</b>	50 pages	<b>\$1,070.70</b>	<b>\$1,390.19</b>	<b>\$1,165.42</b>
100 pages	<b>\$0.190</b>	<b>\$0.297</b>	100 pages	<b>\$1,142.39</b>	<b>\$1,781.38</b>	<b>\$1,341.83</b>
250 pages	<b>\$0.090</b>	<b>\$0.197</b>	250 pages	<b>\$1,357.49</b>	<b>\$2,954.94</b>	<b>\$1,871.07</b>
500 pages	<b>\$0.057</b>	<b>\$0.164</b>	500 pages	<b>\$1,715.97</b>	<b>\$2,954.94</b>	<b>\$2,107.67</b>
1,000 pages	<b>\$0.041</b>	<b>\$0.147</b>	1,000 pages	<b>\$2,432.94</b>	<b>\$8,822.76</b>	<b>\$4,517.25</b>
2,000 pages	<b>\$0.032</b>	<b>\$0.139</b>	2,000 pages	<b>\$3,866.88</b>	<b>\$16,646.52</b>	<b>\$8,045.49</b>
3,000 pages	<b>\$0.029</b>	<b>\$0.136</b>	3,000 pages	<b>\$5,300.82</b>	<b>\$24,470.28</b>	<b>\$11,573.73</b>
4,000 pages	<b>\$0.028</b>	<b>\$0.135</b>	4,000 pages	<b>\$6,734.76</b>	<b>\$32,294.04</b>	<b>\$15,101.97</b>
5,000 pages	<b>\$0.027</b>	<b>\$0.134</b>	5,000 pages	<b>\$8,168.70</b>	<b>\$40,117.80</b>	<b>\$18,630.22</b>

### Wirth Consulting Commentary

#### Strengths

- Adobe PostScript 3 print driver and PANTONE color calibration.
- Optional Wireless Print Server, Gigabit Ethernet, Fast Ethernet (USB), Fast Ethernet (parallel), and Internal Multiprotocol Card.
- Scan to PC, FTP, and e-mail. TWAIN and WIA scan drivers, plus OCR software.
- User-replaceable fuser, transfer belt, feed roller, separators, feed roll, ADF maintenance kit, and multi-purpose feeder feed kit.
- Front-loading consumables
- 2,400 dpi interpolated resolution.
- 150-sheet multipurpose tray.
- One-year warranty and on-site repair.
- Compatibility with MarkVision network management.

#### Limitations

- No duplexing document feeder.
- Comparatively high color cost per page of 13.0 cents.

#### Notes

- Optional 550-sheet paper drawer/stand (\$499.00)
- Optional 256/512/1,025 MB memory upgrades (\$599/\$719/\$859).
- 400 MHz CPU.

#### Best Use

Home offices and small offices and workgroups, as well as enterprises, that have B/W network print and copy applications on letter- and legal-size media, as well as B&W/color-scanning and walk-up fax applications, and also have frequent color printing and copying applications that require business-color image quality.