

# What You Should Know

## Office Digital Imaging Product Evaluation

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# Sharp

## MX-2600N

A3 26-32 PPM Color MFPs  
BTA Dealer Distribution



### Product Introduction



Sharp's MX-2600N is part of its second-generation product family of workgroup color MFPs introduced in August 2008. As such, it features a number of important upgrades, including a more powerful CPU (800 MHz), Gigabit Ethernet network interface for faster data transmission, new microfine toner for enhanced image quality, 8.5" color touch screen, and full-size retractable keyboard, the last of which provides much easier data entry (especially when entering e-mail addresses and messages).

### Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	1,100	Price	\$11,595.00	€8,306.66	
Imaging Technology	Laser	Max Media Capacity (sheets)	5,600	Duplex	\$0.00	€0.00	
Monthly Duty Cycle (pages)	90,000	Max Media Sources	6	Print	\$0.00	€0.00	
BW/Color Print Speed (PPM)	26/26	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)	512	Max Media Wt. (bond, lbs./gsm)	67.0	226.1	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	1,512	Height (inches/mm)	37.50	952.50	Media Trays	500-sheet drawer	
Hard Drive (GB)	80	Width (inches/mm)	24.25	615.95	Price	\$845.00	€605.36
Hard Drive Overwrite	Yes	Depth (inches/mm)	27.50	698.50	LCT	\$1,495.00	€1,071.02
Ethernet Network Interface	10/100/1000Base-T	Weight (pounds/kg)	256.0	116.1	Finisher	50-sheet stapling	
User Authentication	Yes	Power Consumption (watts)	1,440	Price	\$1,795.00	€1,285.94	

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

<b>Value</b> <b>4.0</b>	<b>Copying</b> <b>3.5</b>	<b>Scanning</b> <b>4.0</b>	<b>Printing</b> <b>3.5</b>
<b>Overall Score</b> 36.0 Full System Price \$11,595.00 Black Cost per Page Color Cost per Page Black TCO* (5k/mo) Color TCO* (5k/mo) Mixed** TCO* (5k/mo) <small>*Base Price; **67% BW and 33% Color</small>	Copier Score 25.0 Duplex Document Feeder <input checked="" type="checkbox"/> Touch Screen <input checked="" type="checkbox"/> Hard Drive <input checked="" type="checkbox"/>	Scanner Score 22.5 Color Scanning <input checked="" type="checkbox"/> Network Scanning <input checked="" type="checkbox"/> Open Platform <input checked="" type="checkbox"/>	Printer Score 28.5 Print Processor (MHz) 800 Maximum Memory (MB) 1,512 BW/Color Print Speed 26/26 Windows <input checked="" type="checkbox"/> Linux <input checked="" type="checkbox"/> Apple Mac <input checked="" type="checkbox"/> PCL <input checked="" type="checkbox"/> GDI Printing <input type="checkbox"/> PostScript <input checked="" type="checkbox"/>
<b>Features</b> <b>4.0</b>	<b>Wirth Consulting Performance Ratings</b> (from 0-5, with 5 being best)		<b>Image Quality</b> <b>3.0</b>
USB Convenience Port <input checked="" type="checkbox"/> Scanner <input checked="" type="checkbox"/> Walk-Up Fax <input checked="" type="checkbox"/> LAN Fax <input checked="" type="checkbox"/> Duplex Printing <input checked="" type="checkbox"/> Network Printing <input checked="" type="checkbox"/>			Imaging Technology <b>Laser</b> Max. Resolution <b>1,200x1,200</b> BW Office IQ <input checked="" type="checkbox"/> Color Office IQ <input checked="" type="checkbox"/> Professional IQ <input type="checkbox"/> Photographic IQ <input type="checkbox"/>
<b>Media Handling</b> <b>4.0</b>	<b>Maintenance</b> <b>2.5</b>	<b>Software</b> <b>3.5</b>	<b>Ease of Use</b> <b>4.0</b>
Max Media Sources 6 Max Wt. (bond, lbs.) 67.0 Feeds Index Stock <input checked="" type="checkbox"/> Max Weight from all Sources <input type="checkbox"/> Finishing <input checked="" type="checkbox"/>	Black Page Yield All-in-One Toner Cartridge <input type="checkbox"/> Holds Full Ream of Media <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/> Web Utilities <input checked="" type="checkbox"/> Adobe PostScript <input type="checkbox"/> Open Platform <input checked="" type="checkbox"/>	Usability Score <b>10.0</b> 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						
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type						
Other						
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					
100 pages					
250 pages					
500 pages					
1,000 pages					
2,000 pages					
3,000 pages					
4,000 pages					
5,000 pages					

## Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
Color Cost Per Page
Color Consumables Cost per Page

## Strengths

- Supports Sharp's Open Systems Architecture ( OSA ) 3.0 open-development platform ( uses XML, SOAP ) for incorporating network applications, such as document-workflow applications, that can be accessed at the touch screen.
- High-resolution color touch screen supports graphics, and Web-based HTML for integrating moving video; also supports integrating card-swiping for user authentication.
- Standard color network scanning. With ImageSEND, users can scan documents up to 7 different destinations with just a touch of a key, including to USB memory devices, network folders, e-mail ( supports LDAP ), desktop, FTP, SMB, and to optional Super Group 3 fax and Internet fax. Preview scanned documents as thumbnail images on touch screen. 30-GB of memory is provided for document storage. With Send-to-Group, users can send a mixed group broadcast to e-mail, fax and Internet fax in a single operation.
- Web-based network administration; Printer Administration Utility; Printer Status Monitor.
- Security includes encrypted PDFs; Document Control; SSL; network authentication; job accounting ( up to 1,000 users ); IP/MAC address filtering; document administration; port filtering, etc. Optional Data Security Kit adds AES data encryption and hard-drive overwriting.
- Optional Remote Front Panel ( view and operate the touch screen/control panel from a PC ).
- Optional PostScript 3 and Microsoft Windows XPS drivers; optional stapler finisher, saddle-stitch booklet-maker; two document hole-punchers. USB convenience port..

## Limitations

Wirth Consulting has determined that this device does not have any notable limitations and should provide good functionality.

## Notes

- Note that Sharp does not publish consumables pricing. However, Wirth Consulting research indicates that both consumables' cost per page and Total Cost of Ownership is very competitive.

## Best Use

Small to mid-size offices and workgroups, and enterprises, that are seeking a robust color MFP for both basic office applications as well as more advanced workflow applications.