

# What You Should Know

## Office Digital Imaging Product Evaluation

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# Samsung

## MultiXpress SCX-6545N

A4 B/W 40-49 PPM MFPs

Authorized Dealers and Resellers



### Product Introduction



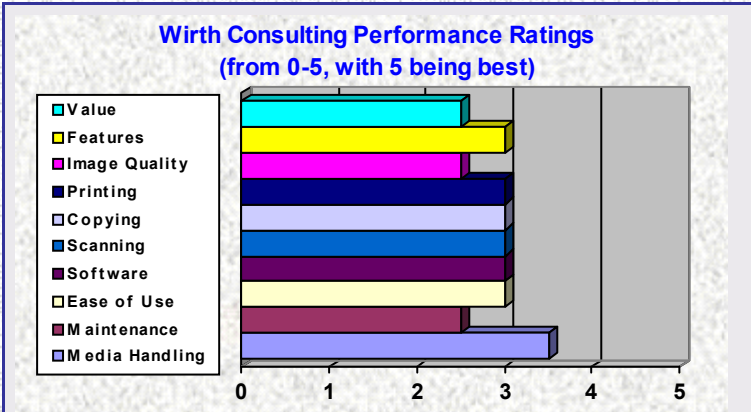
Samsung introduced the SCX-6545N in July 2009, marketing it as an alternative to A3 MFPs with all of the "functionality and benefits of a high-end A3 copier at an A4 price." For instance, it features an 80-GB hard drive (for advanced functions such as secure print and file storage), as well as optional document finishing, and expandable paper capacity (up to 3,240 sheets). The SCX-6545N is situated at the high-end of Samsung's A4 MFP family--at a rated print speed of up to 45 ppm, only the 55-ppm SCX-655N is faster. It also features Samsung's XOA Express Application, an open-development platform that enables creation of custom applications and workflows that may be accessed from the touch screen.

### Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	620	Price	\$4,999.00	€3,581.28	
Imaging Technology	Laser	Max Media Capacity (sheets)	3,240	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)	58.0	195.8	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	512	Height (inches/mm)	23.90	607.06	Media Trays	520-sheet drawer	
Hard Drive (GB)	80	Width (inches/mm)	25.20	640.08	Price	\$350.15	€250.85
Hard Drive Overwrite	No	Depth (inches/mm)	19.40	492.76	LCT	\$800.15	€573.23
Ethernet Network Interface	10/100/1000BaseTX	Weight (pounds/kg)	106.3	48.2	Finisher	500-sheet finisher	
User Authentication	Yes	Power Consumption (watts)	750	Price	\$650.15	€465.77	

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

<b>Value</b>	<b>2.5</b>	<b>Copying</b>	<b>3.0</b>	<b>Scanning</b>	<b>3.0</b>	<b>Printing</b>	<b>3.0</b>
Overall Score	29.0	Copier Score	20.0	Scanner Score	17.0	Printer Score	23.0
Full System Price	\$4,999.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	500
Black Cost per Page	\$0.0106	Touch Screen	<input checked="" type="checkbox"/>	Network Scanning	<input checked="" type="checkbox"/>	Maximum Memory (MB)	512
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)	\$8,182.68					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 type="checkbox"/>	
*Base Price; **67% BW and 33% Color							



<b>Features</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 type="checkbox"/>
Duplex Printing	<input checked="" type="checkbox"/>
Network Printing	<input checked="" type="checkbox"/>

<b>Image Quality</b>	<b>2.5</b>
Imaging Technology	Laser
Max. Resolution	1200x1200
BW Office IQ	<input checked="" type="checkbox"/>
Color Office IQ	<input type="checkbox"/>
Professional IQ	<input type="checkbox"/>
Photographic IQ	<input type="checkbox"/>

<b>Media Handling</b>	<b>3.5</b>
Max Media Sources	5
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"/>

<b>Maintenance</b>	<b>2.5</b>
Black Page Yield	25,000
All-in-One Toner Cartridge	<input type="checkbox"/>
Holds Full Ream of Media	<input checked="" type="checkbox"/>

<b>Software</b>	<b>3.0</b>
Desktop Software	<input checked="" type="checkbox"/>
Web Utilities	<input checked="" type="checkbox"/>
Adobe PostScript	<input type="checkbox"/>
Open Platform	<input checked="" type="checkbox"/>

<b>Ease of Use</b>	<b>3.0</b>
Usability Score	8.5
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	\$180.00	25,000			\$158.00	80,000
Cyan Ink/Toner						
Magenta Ink/Toner						
Yellow Ink/Toner						
Multicolor Ink						
Other Type	Fuser					
Other	\$199.15	200,000				
Maintenance Kit	\$44.15	100,000				

**Samsung**

**MultiXpress SCX-6545N**



A4 B/W 40-49 PPM MFPs

## 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	\$1.677		\$5,029.51		
100 pages	\$0.844		\$5,060.02		
250 pages	\$0.344		\$5,151.56		
500 pages	\$0.177		\$5,304.12		
1,000 pages	\$0.094		\$5,609.25		
2,000 pages	\$0.052		\$6,272.47		
3,000 pages	\$0.038		\$6,909.21		
4,000 pages	\$0.031		\$7,545.94		
5,000 pages	\$0.027		\$8,182.68		

## Consumables CPP

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

Black Cost Per Page
Black Consumables Cost per Page
<b>\$0.0106</b>
Color Cost Per Page
Color Consumables Cost per Page

## Strengths

- Print on up to 120 lb. index (58 lb. bond) via bypass tray.
- With Samsung's Universal Print Driver, deploy only one print driver for printing to both Samsung and third-party network printers and MFPs (note that many universal print drivers only enable users to print to the vendors' devices).
- Color scan to e-mail (supports LDAP), SMB, and Netscan clients. TWAIN and WIA scan drivers are also included.
- Print from and scan to USB memory drives.
- SyncThru Web Admin Services for device management over the network and for remote monitoring..
- SmarThru Office Document Management Software for creating, storing and editing scanned images and for OCR.
- Supports Samsung's XOA Express Application, an open-development platform that enables creation of custom applications and workflows that may be accessed from the touch screen.
- SmarThru Office Document Management Software for creating, storing and editing scanned images.
- Optional SmarThru Workflow for document capture and routing.

OPTIONS: 256 MB RAM; 520-sheet paper drawer (\$350.15); High Capacity Feeder (\$800.15); 1-bin Finisher (\$650.15); 2-bin Finisher; 4-bin Mailbox; Stand; SmarThru Workflow v. 1.0; Super Group 3 fax (\$500.15).

## Limitations

- Relatively higher Total Cost of Ownership (TCO).

## Notes

- Pricing for consumables and options was obtained from Web sources, and is not list pricing.
- 125,000-page Maintenance Kit is \$129.15; 250,000-page Maintenance Kit is \$205.15.

## Best Use

Offices and mid to large-size workgroups that require an office MFP and have primarily A4 (letter- or legal-size paper) B/W print, copy, fax, and color scan applications, and may also require document finishing. The system's open-platform architecture allows for creating custom workflow applications, for instance, a custom automatic scan-and-distribute application that's accessed at the touch screen.