

# What You Should Know

## Office Digital Imaging Product Evaluation

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**Samsung**  
**SCX-6345N**

A4 B/W 40-49 PPM MFPs  
Authorized Dealers and Resellers



### Product Introduction



As part of Samsung's A4 office-MFP family, the company markets the SCX-6345N as "an economical and alternative" MFP that can "match the output of large contract-based A3 copiers." As such, it incorporates network print, copy, color network scan, and optional Super Group 3 fax. Office-level features include optional 40-GB hard drive (for collation, printing, proof printing, file storage), and optional document finishing, as well as security provisions such as network authentication (SMB, LDAP, Kerberos) and SSL for scan to e-mail.

### Key Specifications and Pricing

Functions	Print/Copy/Scan/Fax	Std Media Capacity (sheets)	620	Price	\$2,995.00	€2,145.62
Imaging Technology	Laser	Max Media Capacity (sheets)	2,180	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)	43.0 / 145.1	Doc Feeder	\$0.00	€0.00
Max Printer Memory (MB)	384	Height (inches/mm)	24.20 / 614.68	Media Trays	520-sheet drawer	
Hard Drive (GB)	40	Width (inches/mm)	25.10 / 637.54	Price	\$249.00	€178.38
Hard Drive Overwrite	No	Depth (inches/mm)	19.20 / 487.68	LCT	\$0.00	€0.00
Ethernet Network Interface	10/100BaseTX	Weight (pounds/kg)	97.9 / 44.4	Finisher	Sorter/Stapler	
User Authentication	Yes	Power Consumption (watts)	900	Price	\$494.00	€353.90

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

<b>Value</b>	<b>3.5</b>	<b>Copying</b>	<b>3.0</b>	<b>Scanning</b>	<b>2.5</b>	<b>Printing</b>	<b>3.0</b>					
<b>Overall Score</b>	<b>28.0</b>	Copier Score	<b>20.0</b>	Scanner Score	<b>16.5</b>	Printer Score	<b>22.5</b>					
Full System Price	\$2,995.00	Duplex Document Feeder	<input checked="" type="checkbox"/>	Color Scanning	<input checked="" type="checkbox"/>	Print Processor (MHz)	400					
Black Cost per Page	\$0.0089	Touch Screen	<input checked="" type="checkbox"/>	Network Scanning	<input checked="" type="checkbox"/>	Maximum Memory (MB)	384					
Color Cost per Page		Hard Drive	<input checked="" type="checkbox"/>	Open Platform	<input type="checkbox"/>	BW/Color Print Speed	45					
Black TCO* (5k/mo)	\$5,676.18	<b>Wirth Consulting Performance Ratings</b> (from 0-5, with 5 being best)						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												
<b>Features</b>	<b>2.5</b>	<b>Image Quality</b> <b>2.5</b>						Imaging Technology	<b>Laser</b>			
USB Convenience Port	<input type="checkbox"/>							Max. Resolution	<b>1200x1200</b>			
Scanner	<input checked="" type="checkbox"/>							BW Office IQ	<input checked="" type="checkbox"/>			
Walk-Up Fax	<input checked="" type="checkbox"/>							Color Office IQ	<input type="checkbox"/>			
LAN Fax	<input type="checkbox"/>	Professional IQ	<input type="checkbox"/>									
Duplex Printing	<input checked="" type="checkbox"/>	Photographic IQ	<input type="checkbox"/>									
Network Printing	<input checked="" type="checkbox"/>	<b>Media Handling</b> <b>3.0</b>						Usability Score	<b>8.0</b>			
Max Media Sources	5							Graphic Display	<input type="checkbox"/>			
Max Wt. (bond, lbs.)	43.0							Touch Screen	<input checked="" type="checkbox"/>			
Feeds 110-lb. Index Stock	<input type="checkbox"/>							Navigation Keys	<input type="checkbox"/>			
Max Weight from all Sources	<input type="checkbox"/>	Hold Full Ream of Media	<input checked="" type="checkbox"/>									
Finishing	<input checked="" type="checkbox"/>	<b>Maintenance</b> <b>2.5</b>						Desktop Software	<input checked="" type="checkbox"/>			
Black Page Yield	20,000							Web Utilities	<input checked="" type="checkbox"/>			
All-in-One Toner Cartridge	<input type="checkbox"/>							Adobe PostScript	<input type="checkbox"/>			
Hold Full Ream of Media	<input checked="" type="checkbox"/>							Open Platform	<input type="checkbox"/>			
<b>Software</b> <b>2.5</b>						<b>Ease of Use</b> <b>3.0</b>						

## 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	\$94.00	20,000			\$168.00	60,000
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 SCX-6345N



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	\$1.007		\$3,020.49		
100 pages	\$0.508		\$3,045.97		
250 pages	\$0.209		\$3,122.44		
500 pages	\$0.109		\$3,249.87		
1,000 pages	\$0.059		\$3,504.75		
2,000 pages	\$0.034		\$4,067.47		
3,000 pages	\$0.026		\$4,603.71		
4,000 pages	\$0.021		\$5,139.94		
5,000 pages	\$0.019		\$5,676.18		

## Consumables CPP

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

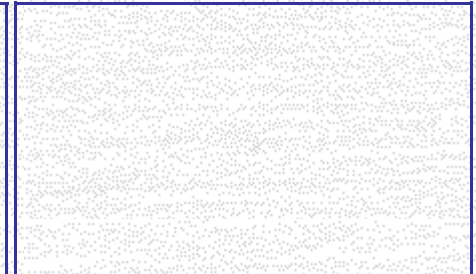
<b>Black Cost Per Page</b>
Black Consumables Cost per Page
<b>\$0.0089</b>
<b>Color Cost Per Page</b>
Color Consumables Cost per Page

### Strengths

- Low cost per page of 0.89 cents.
- 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 vendors' universal print drivers only enable users to print to the vendors' devices).
- Color network scan to e-mail (supports LDAP), FTP sites, client, network and SMB. TWAIN and WIA scan drivers are also included.
- 50-sheet duplexing automatic document feeder.
- SmarThru Office Document Management Software for creating, storing and editing scanned images, and for OCR.
- SyncThru Web Admin Services for device management over the network and for remote monitoring.
- Super Group 3 fax option includes fax-to-e-mail, secure fax and color fax.
- Security includes SSL, network authentication (SMB, LDAP, Kerberos).

OPTIONS: 256 MB RAM (\$149.99) Super Group 3 fax (\$298); Stand (tall--\$198); Stand (short--\$159); 520-sheet paper drawer (\$249); Sorter/Stapler (\$494).

### Limitations



### Notes

- Pricing for consumables and options was obtained from Web sources, and is not list pricing.
- Two Maintenance Kit and are required, one for 100,000 pages and a second for 200,000 pages.

### 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.