



imagine an office worker  
that can't be outworked.

SCX-6345N Mono Laser MFP



# High performance. Brought to you by Samsung.

**Samsung is the second-largest printer manufacturer in the world.** More businesses rely on Samsung printers and MFPs than nearly any other manufacturer. When you invest the billions that we do into R&D every year, you end up with innovative and reliable machines your business can count on.

**Samsung is the fastest-growing printer manufacturer in the world.** As more and more businesses discover Samsung, we continue to grow. Last year alone, we grew 43%. That's 34% more than the next closest manufacturer. It's a trend we're working hard to continue.

**Samsung is a leader in high-value printing solutions.** The bottom line is money. Samsung printers and MFPs offer some of the lowest TCO's (Total Cost of Ownership) in their class. They save you money through convenient features that contribute to productivity. And they save you money through efficient designs that result in lower operating costs.

**Samsung leads the industry in reliability and dependability.** Maybe even more important than saving money is the peace of mind of knowing your printer or MFP will be there when you need it. Year after year, Samsung wins Best and Outstanding grades in PC World's Annual Survey, along with Excellent ratings in reliability from BLI (Buyers Laboratory, Inc.). At Samsung, we take your business every bit as seriously as you do.



# The Samsung SCX-6345N.

## High-capacity digital duplex copier, laser printer, color scanner and high-speed fax.

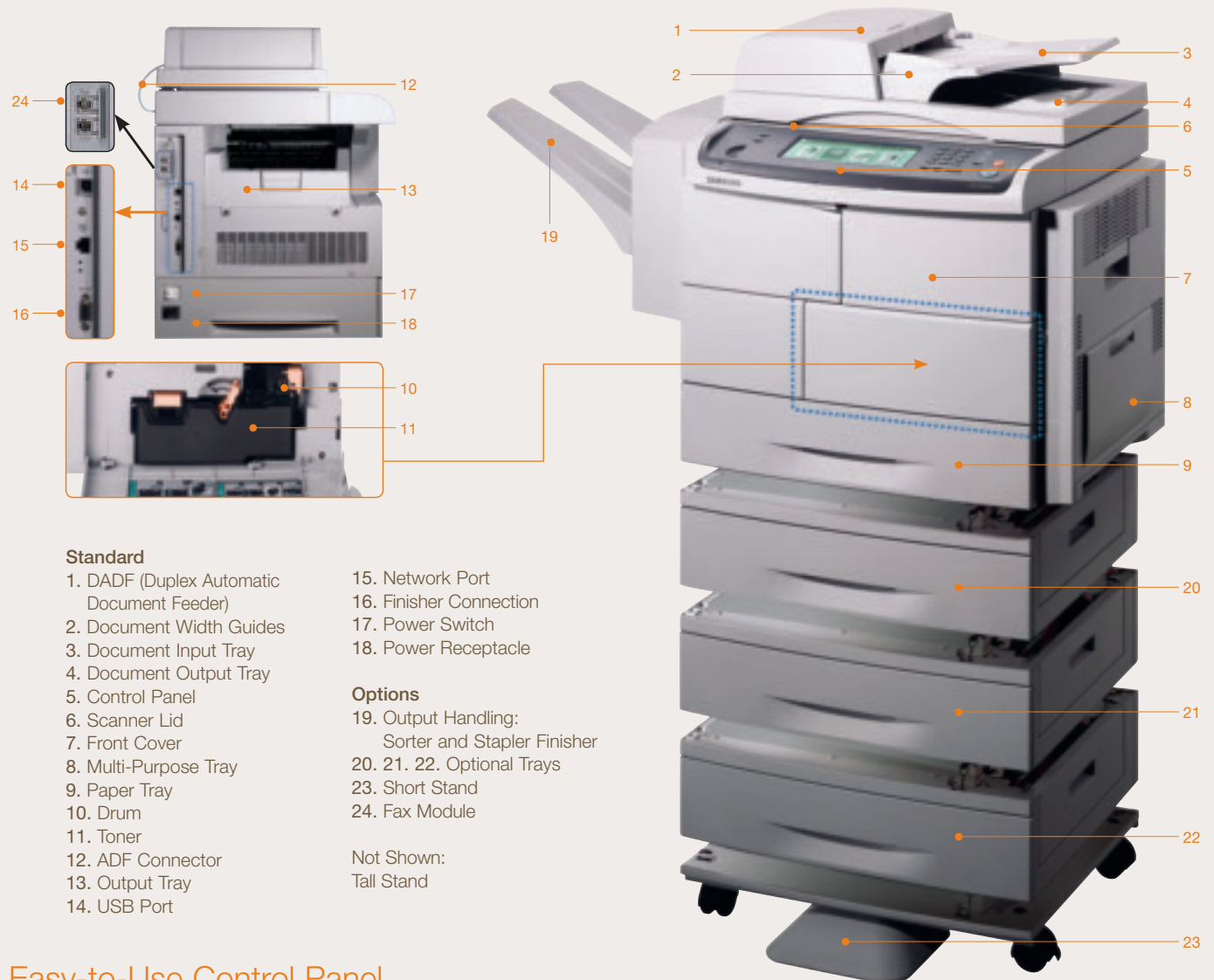
Give it everything you have. The Samsung SCX-6345N can handle it. It features an incredibly hard-working monthly duty cycle of up to 200,000 pages, and comes standard with a 520-sheet cassette, a 100-sheet multi-purpose tray, and the option of adding up to three more 520-sheet cassettes. It's an MFP that's ready when you are. With the Samsung SCX-6345N, it's not hard to imagine.

**Design a solution that fits your business and budget.** The SCX-6345N gives you the option of everything from a copier-only device to a full-featured, multi-function device that can print, copy, fax and scan.

**Designed for multi-tasking.** Each function is fully integrated and can be accessed while other jobs are running.

**Easily integrate the SCX-6345N into your existing print environment.** Replace single-function printers with a multi-function device, and expand your document management options.

## Features



### Standard

- 1. DADF (Duplex Automatic Document Feeder)
- 2. Document Width Guides
- 3. Document Input Tray
- 4. Document Output Tray
- 5. Control Panel
- 6. Scanner Lid
- 7. Front Cover
- 8. Multi-Purpose Tray
- 9. Paper Tray
- 10. Drum
- 11. Toner
- 12. ADF Connector
- 13. Output Tray
- 14. USB Port

- 15. Network Port
- 16. Finisher Connection
- 17. Power Switch
- 18. Power Receptacle

### Options

- 19. Output Handling: Sorter and Stapler Finisher
- 20. 21. 22. Optional Trays
- 23. Short Stand
- 24. Fax Module

Not Shown:  
Tall Stand

## Easy-to-Use Control Panel



- Touch screen operation is easy to learn and navigate, making user training a snap.
- Manage your jobs right from the control panel. Move important jobs to the top of the queue for maximum efficiency.
- Advanced fax functions such as email forwarding can be easily managed from the touch screen control panel.

## Easy to use.

**Wide Touch Screen** Samsung's 640 x 240 wide LCD touch screen makes operation simple, and reduces time spent learning user manuals and educating staff members.



**Paper Handling** Comes standard with a 520-sheet cassette plus a 100-sheet multi-purpose tray, with the option of adding up to three 520-sheet cassettes. With 2,180 sheets of paper, you don't have to frequently refill with paper. And Print Job Rescheduling manages printing jobs based on FIFO (First In First Out) order, so if a printing job has a problem, the next job can still print without having to wait for intervention.

**Consumables and Options** The SCX-6345N integrates easily into your existing network. And with a modular build system, it's easy to install consumables or add upgrade options, such as the finisher or memory, as they simply slide in.

**Interchangeable Second Trays** When you expand your paper capacity by adding up to 3 additional trays, you can arrange them in any order.

**Worry-Free Operation** The SCX-6345N is designed with more paper clearance, a design that reduces paper jams. But when the inevitable jam does occur, a series of alert icons on the user display will highlight the problem area and walk you through the steps to clear it. These easy-to-see alert icons will also let you know when you're running low on consumables.



## A powerful copier.

**Powerful Copier** Not only does the SCX-6345N produce 45 copies per minute, its duplex copy speed is nearly as fast at up to 42 images per minute when using the built-in Document Feeder.

**ID Copy** Copy both sides of an ID, driver's license or passport onto one side of the page. Save paper. Save time.

**Legal Size Platen** You don't have to feed your legal size originals through the document feeder and wait for them to be scanned. You aren't limited to loose pages that aren't bound in books. You just lay your original on the legal size glass, and make true 1-to-1 copies.

**Auto-Fit Copy** Copy any size original, then print it full-size on a sheet of letter, legal or any other size paper in the paper tray.

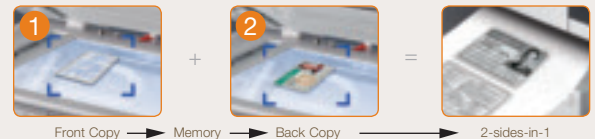
**Poster Copy** You don't need a giant printer to make a giant poster. The SCX-6345N prints your image on several sheets that form one big poster.

**Clone Copy** Quickly copy one image and print it multiple times on the same sheet of paper. No other software required.

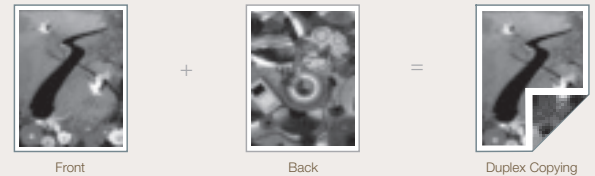
**Margin Shift** Want to copy documents or images and put them in a binder? The SCX-6345N can add a margin, so you don't have to punch holes in your words or pictures.

**Book Copy** No need to reposition the book for each page. You can copy left pages only, right pages only, or both at once.

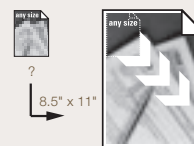
### ID Copy



### Duplex Copying



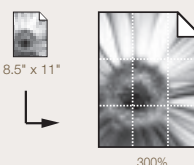
### Auto-Fit Copy



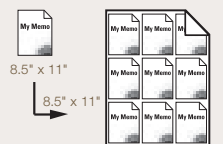
### Legal Size Copying



### Poster Copy



### Clone Copy



**Auto Suppress** Copy an article from a newspaper or magazine and remove its background. You get a clean copy, suitable for inclusion in presentations.

**Cover Copy** You can print the text of a large document or booklet from one tray, and the cover on different size and weight paper from the other tray.

**Outline Erase Copy** Makes clean copies, without lines or shadows from binder holes and staples.

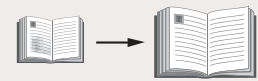
**Booklet Copy** You can turn any document into a booklet. The SCX-6345N can reduce each page by 50%, then print them side by side with the proper spacing and in the correct order, so you can fold, staple and distribute your booklets.

**Transparent Film Copy** Making transparencies is simple with the SCX-6345N.

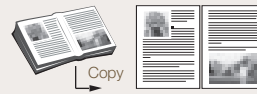
Outline Erase Copy



Auto Suppress



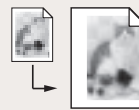
Book Copy



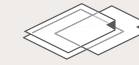
Booklet Copy



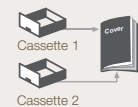
Margin Shift



Transparent Film Copy



Cover Copy



## A powerful printer.

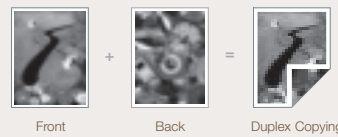
**Powerful Printer** At 45 pages per minute and up to 42 images per minute in Duplex mode, you can work quickly and efficiently. And with many standard printing functions built in, you can do more than you thought you could with your printer.

**Overlay Printing** No need to worry about keeping a stack of forms and letterhead. No need to hassle with putting it in the printer, then running back to your computer to print on it before someone else does. Just keep your forms and letterhead on files on your computer, then tell the printer to print the overlay onto your document.

**Toner and Energy** With TonerSave mode, you can cut toner usage by up to 40%. This is ideal for printing draft documents and reports without seeing a dramatic reduction in print quality.

**Expanded Printing Capabilities** The SCX-6345N can do even more with the standard hard drive. You can add functions that make your job easier, including collate printing, proof printing, delayed printing, confidential printing and job storage (password protected secure printing).

Duplex Printing



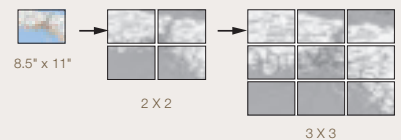
Booklet Printing



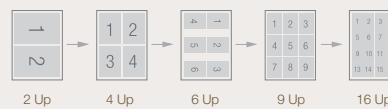
Watermark



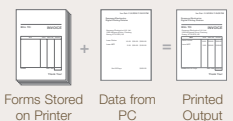
Poster Printing



N-up Printing



Overlay



Collate Printing

Proof Printing

Delayed Printing

Confidential Printing

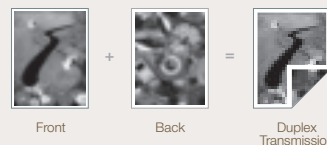
Store Job

## A powerful fax.



With the optional Fax kit installed, you can add a variety of fax features including speed dial up to 200 numbers, group dial up to 100 groups, duplex send and receive, fax-to-email, secure fax and color fax. And the Duplex function lets you print received faxes double-sided, to reduce your operating costs.

**Duplex Transmission** Using the Duplex Automatic Document Feeder (DADF), you can fax two-sided copies and transmit without reinserting the paper. In addition, using Duplex Printing mode, you can print out received faxes on both sides of the paper.



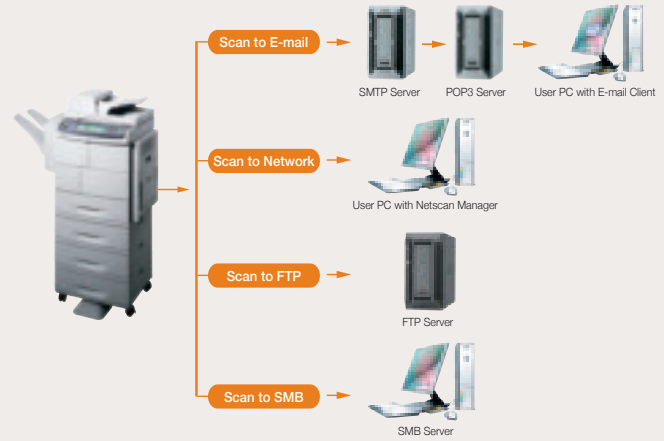
**Secure Fax** With the Secure Fax feature, all incoming faxes are held in memory until you access them with your password. Now you can feel secure about confidential fax communications.

## A powerful scanner.

**Color Scanner** The SCX-6345N's enhanced scanning resolution (4800 x 4800 dpi) and color CCD gives you the finest quality images for your documents. It's also an easy way to capture and store information from hard copy documents.

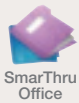
**Scan to Network** You can store and share documents easily by converting them to a PDF, TIFF or JPEG file. Then you can send it directly to any server or PC, or anywhere else on your network.

**Network Scan Management with LDAP** Scan-to-email provides address book function using an LDAP server. The LDAP (Lightweight Directory Access Protocol) is a networking protocol for querying and modifying directory services running over TCP/IP. With this feature, the most up-to-date email address book will always be available. PDF, JPEG and TIFF file formats are supported for digital scanning, and settings for SMB, FTP and LDAP servers should be executed through SyncThru™ Web Service.



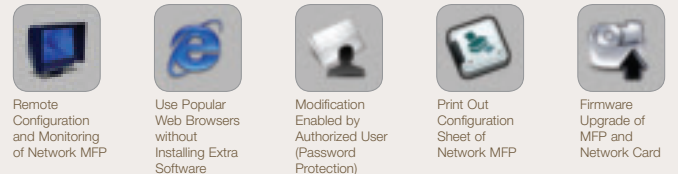
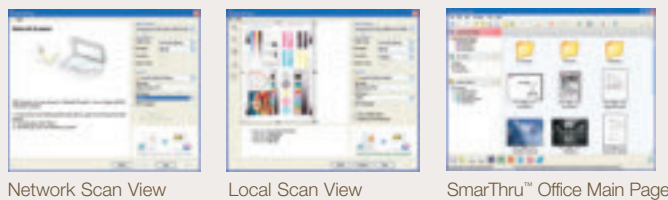
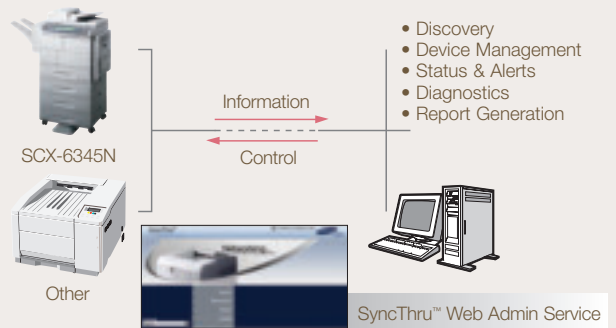
**Scan to Anywhere** The SCX-6345N supports efficient distribution of scanned documents by allowing you to send them through email, FTP, SMB and Client.

## The SCX-6345N simply does more for your business.

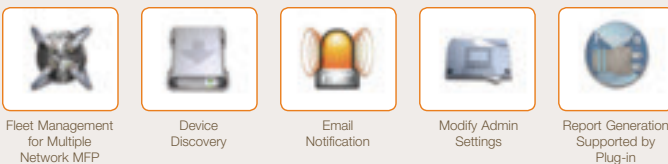


### SmarThru™ Office Document Management Software

A powerful document management application for Office users. It creates, stores and edits scanned images, and delivers them to each application. It also makes it easy to take advantage of all the features of the SCX-6345N MFP, even with complicated networks. SmarThru™ Office also provides network scan as a default, so you don't have to install additional applications. And SmarThru™ client lets users scan documents directly to their PC.









**SyncThru™ Web Admin Service** SyncThru™ Web Admin service allows IT managers to easily manage and monitor all printers/MFPs on the network. This powerful feature supports job accounting, usage metering, authentication, storage management, remote driver installation and modification settings. Or easily change network and individual printer settings, upgrade firmware and view network printer status.



# Specifications

	<b>SCX-6345N</b>
<b>Print</b>	
Method	2 Beam Laser Scanning Unit and Electro Photography
Speed	Up to 45 ppm, Duplex Printing Speed: Up to 42 ipm
Resolution	600 x 600 dpi, 1200 interpolated
First Print Out Time	8 seconds (from Standby mode)
Processor/PDL	400 MHz/PCLse, PCL6, DCL6, compatibility with PostScript 3™
Memory (Std./Max.)	256 MB/512 MB plus 40 GB hard drive
Duplex Print	Standard
<b>Copy</b>	
Speed	Up to 45 cpm (Simplex), Up to 42 ipm (Duplex)
Resolution (Optical)	Scan: up to 600 x 300 (text, text/photo) up to 600 x 600 (photo using platen) up to 600 x 300 (photo using DADF) Print: up to 600 x 600 (text, text/photo, photo)
First Copy Out Time	Less than 5 seconds
Zoom Rate	25 – 400% (platen), 25 – 200% (ADF)
Multi Copy/Duplex Copy	1 – 999/Standard (1:2, 2:2, 2:1)
<b>Scan</b>	
Compatibility	Twain standard, WIA standard
Type	Color CCD
Resolution(Optical/Enhanced)	600 x 600 dpi/Max. 4,800 x 4,800 dpi
Destinations	E-mail, FTP, SMB, Client
Effective Scan	Platen: 13.7" x 8.2", DADF: 13.7" x 8.2"
Bit depth	Color Internal: 36 bit, External: 24 bit, BW: 1 bit for Text mode, 8 bit for Gray mode, Grayscale 256 Levels
Other	Security email via SSL; Network authentication (SMB, LDAP, Kerberos)
<b>Fax</b>	
Type	ITU-T G3, Super G3, 33.6 Kbps
Compression Mode	MH/MR/MMR/JBIG/JPEG
Resolution	Standard: 203 x 98 dpi, Fine: 203 x 196 dpi, Super Fine: 203 x 391dpi, 300 x 300 dpi, 406 x 392 dpi
Memory (Std./Max.)	16 MB/16 MB
Features	Auto Dial, Speed dial : 200 Locations, Mailbox, Polling, Security Fax, Color Fax Transmission
<b>Paper Handling</b>	
Input Capacity and Types	Main Tray: Up to 520 sheets (75 g/m <sup>2</sup> ), MP Tray: 100 sheets
Output Capacity and Types	500-sheet Face Down (75 g/m <sup>2</sup> , 20 lbs)
Media Size (for Print)	Letter, Legal, Oficio, Folio, JIS B5, ISO B5, Executive, 5" x 7", Statement, 4" x 6", PostCard 4x6, Envelope B5, Envelope Monarch, Envelope COM-10, Envelope DL, Envelope C5, Envelope C6, Custom
Media type	Paper, Envelope, Transparency, Label
ADF Capacity	DADF 50 sheets (20 lb, 80 g/m <sup>2</sup> , 0.1 mm)
ADF Document Size	Width: 6.9" – 8.5", Length: 5" – 14.0" for Single page scan 5" – 15.7" for Multi pages scan
<b>General</b>	
Net Dimension (W x D x H)	25.1" x 19.2" x 24.2"
Weight with Consumables	98.1 lb.
Interface	Hi-Speed USB 2.0, Ethernet 10/100 base TX
OS Compatibility	Windows 98/Me/2000/XP (32/64 bit)/2003 Server (32/64 bit)/Vista, Various Linux OS including Red Hat 8 – 9, Fedora Core 1 – 4, Mandrake 9.2 – 10.1 and SuSE 8.2 – 9.2 Mac OS 10.3 – 10.4
Warm-up Time	Less than 35 sec from sleep mode
Noise Level	Operating: 60 dBA @ simplex printing, 62 dBA @ simplex copy, Standby: 43 dBA
Power Requirement	AC 110 – 127V (-10% – 6%)/6A
Power Consumption	Sleep Mode: 35 W, Standby Mode: 170 W, Average: 900 W
Operating Conditions	Temperature: 10 – 32°, Humidity: 20 – 80% RH
Duty Cycle, monthly	Up to 200,000 pages

## Options

<b>Consumables</b>											
Type											
2-piece Cartridge											
Yield											
Toner: Average Cartridge Yield 20,000 standard pages. Declared yield value in accordance with ISO/IEC 19752, Drum: 60,000 Pages											
Periodic Service Maintenance Kits											
• SCX-V6345A/SEE: 200,000 page kit • SCX-V6345B/SEE: 100,000 page kit											
Optional	Optional	Optional	Optional	Optional	Optional	Optional		Optional			
											
SCX-S6345A	SCX-FIN10S	SCX-FAX101	SCX-DSK10S	SCX-DSK10T	ML-MEM140	SCX-KIT10F	SCX-KIT11S	SCX-STP000	SCX-D6345A	SCX-R6345A	
520 sheet CST	Finisher	Fax Kit	Stand Short	Stand Tall	256 MB Memory	Foreign Device Interface Kit	SmarThru™ Workflow	Staple Cartridge	Toner	Drum	



Product Information 1-800-921-1202  
Product Support 1-877-873-7279  
[www.samsung.com/printer](http://www.samsung.com/printer)



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