

2. Product Specifications

2.1 Product Overview

Item	Descriptions	Remark
Basic Model	SCX-4521F(5-in-1 Flatbed MFP) SCX-4321(3-in-1 Flatbed MFP)	
Target User	SOHO, Economical(Speed/Price) Customer	
Customer Benefits (Sales Points)	<ul style="list-style-type: none"> - Compact Size - 22ppm/A4, 22ppm/Letter fastest speed in its price class - Favorite Copy - ID Card Copy - Toner Save 	
Key Specification	<ul style="list-style-type: none"> - up to 22ppm/A4(Up to 22ppm/Letter) - 150 sheets Multi-Purpose type paper input/50 sheets Paper Output - 3,000pages toner capacity - 600dpi Print/Copy Resoulusion - Samsung Print Language - 16MB System memory - 30 ADF - 33.6 Kbps Fax Modem - 100 Speed Dial - 72 Hour Battery Back-up 	

2.2 Specifications

- Product Specifications are subject to change without notice. See below for product specifications.

2.2.1 General Specifications

Item		Descriptions (SCX-4321 / SCX-4521F)
Major Features		Copier, Print, Scan, Fax(SCX-4521F)
Net Dimension (WxDxH)		438(W)*374(D)*368(H)(17.2x14.7x14.5")
Net Weight(Inc. Toner Cartridge)		10.4kg
CPU		Chorus-2 (66MHz)
LCD		2 Line x 16 characters / 2Line x 8 characters(for china and korea)
Toner Save		Yes (With toner save button)
I/O Interface		USB1.1 (Compatible with USB 2.0), IEEE 1284 Parallel
Network Interface		No
OS Compatibility		Windows 98/Me/NT4.0/2000/XP, Various Linux OS (via USB interface only) including Red Hat 8.0~9.0, Fedora core 1~3, Mandrake 9.0~10.2, and SuSe 8.2~9.2, Mac 10.3
Power Requirement		110 ~ 127 VAC, 50/60 Hz, 4.5A 220 ~ 240 VAC, 50/60 Hz, 2.5A
Power Consumption		Sleep Mode : Under 10 W Standby Mode : 65W Average : 350 W (Print Mode)
Energy Star Compliant		Yes
Power Switch		Yes
Noise	Warm up Stand by Coping Printing	49 dBA 35 dBA 55 dBA 53dBA
Warm up time	from Power On Status from Sleep Mode (Recovery time)	Less than 35 seconds Less than 30 seconds
Max. Monthly Volume	Print Scan	4,200 pages ADF: 2,500 pages, PLATEN: 1,700 pages
Average Monthly Print Volume		400 pages
Average Monthly SCAN Volume		150 pages
Machine Life	ENGINE SCANNER	5 years or 50,000 Pages. Whichever comes first ADF : 30,000 Pages, Platen : 20,000 Pages
Operation conditions	Temperature Humidity	10°C ~ 32 °C (50°F ~ 89°F) 20 % ~ 80 % RH
Approval		Class B
Device Memory		16MB
Page Counter		Yes
Print Configuration Sheet(System Data)		Yes

2.2.2 Print Specifications

Items		SCX-4321	SCX-4521F
Method		Laser Beam Printing	Laser Beam Printing
Speed		Up to 22ppm in A4 (22ppm in Letter)	Up to 22ppm in A4 (22ppm in Letter)
Emulation		SPL	SPL
Power Save		Yes(Interval option: 5, 10,15, 30, 45 minute)	Yes(Interval option: 5, 10,15, 30, 45 minute)
Resolution	Normal	600 x 600 dpi	600 x 600 dpi
	RET	-	-
Memory		10MB	10MB
First Print Out	From Stand by	Approx. 11 seconds	Approx. 11 seconds
Time	From Cold Status	Less than 41 seconds	Less than 41 seconds
Duplex	Print	-	-
WHQL Compliant		Window XP	Window XP
Printable Area		A4: 201.6x288.6mm	A4: 201.6x288.6mm
		LTR: 207.6x270.6mm	LTR: 207.6x270.6mm
		Legal: 207.6x347.6mm	Legal: 207.6x347.6mm
		Folio: 207.6x322.6mm	Folio: 207.6x322.6mm
Halftone (Gray Scale)		256 levels	256 levels

2.2.3 Scan Specifications

Items		SCX-4321	SCX-4521F
Compatibility		Twain standard / WIA Standard (Window 2000/XP)	Twain standard / WIA Standard (Window 2000/XP)
Scan Method		600dpi Color CIS(Contact Image Sensor) Module	600dpi Color CIS(Contact Image Sensor) Module
PC Scan Speed through Platen	Lineart, Halftone	10sec Platen(13sec ADF)	10sec Platen(13sec ADF)
	Gray	23sec Platen (26sec ADF)	23sec Platen (26sec ADF)
	Color 300dpi	65sec Platen(70sec ADF)	65sec Platen(70sec ADF)
Resolution	Optical	600 x 600 dpi	600 x 600 dpi
	Enhanced	4800 x 4800 dpi	4800 x 4800 dpi
Halftone		256 levels	256 levels
Scan Size	Max. Document Width	Max.216mm (8.5")	Max.216mm (8.5")
	Effective Scan Length	297 mm (11.7")	297 mm (11.7")
	Effective Scan Width	Letter/Legal: 208mm(8.2")A4: 202mm	Letter/Legal: 208mm(8.2")A4: 202mm
Scan-to	Button	Yes	Yes
	Application	Yes	Yes
Scan Depth	Color	24 bit	24 bit
	Mono	1bit for Line art, Halftone, 8 Bit for Gray scale	1bit for Line art, Halftone, 8 Bit for Gray scale

2.2.4 Copy Specifications

Item		Descriptions (SCX-4321 / SCX-4521F)
Copy Speed		Up to 22ppm in A4 (22ppm in Letter)
Resolution	Optical	600*600 dpi (Scan:600*600dpi, Print: 600*600dpi) - Text & Text/Photo mode : 600*300dpi(ADF, Platen) - Photo mode : 600*600dpi (Platen), 600*300dpi(ADF)
	Enhanced	-
First Copy	Stand by	Approx. 16 seconds(ADF), Approx. 11 seconds(Platen)
Out Time	From Power Save Mode (110V only)	Approx. 46 seconds(ADF), Approx. 40 seconds(Platen)
Original Image type selection		Text, Text/Photo, Photo
Zoom Range		25-400%(Platen), 25-100%(ADF)
Multi Copy		1~99 Pages
Preset		[Original(100%)], [A4 → A5(71%)], [LGL → LTR(78%)], [LGL → A4(83%)], [A4 → LTR(94%)], [EXE → LTR(104%)], [A5 → A4(141%)], 25%, 50%, 150%, 200%, 400%, [Custom: 25-400%]
Darkness Control		3 level (Light, Normal, Dark)
Auto return to default mode		Yes (after 1 minute)- Time out option: 15, 30, 60, 180 sec., Off
Changeable Default mode		Darkness, Original Type, Reduce/Enlarge, No. of Copies
ID Card Copy	2-up 4-up Collation Autofit LD Card Copy Clone Poster	Yes (ADF Only) Yes (ADF Only) Yes (ADF Only) Yes (Platen Only) Yes (Platen Only) Yes (Platen Only) Yes (Platen Only)

2.2.5 Telephone Specifications

Items		SCX-4321	SCX-4521F
Handset		-	No
On hook Dial		-	Yes
Search		-	Yes(Phone Book)
1-Touch Dial		-	10 ea (0~9)
Speed dial		-	90 locations(10~99)
TAD I/F		-	Yes
Tone/Pulse		-	Tone → Default, Pulse → Changing in Tech Mode
Pause		-	Yes
Auto Redial		-	Yes
Last Number Redial		-	Yes
Distinctive Ring		-	Yes
Caller ID		-	No
Extention Phone Interface		-	Yes
Report & List	Tx/Rx Journal	-	Yes
Print out	Confirmation	-	Yes
	Help List	-	No
	Auto Dial List	-	Yes
	System Data	List all user setting	List all user setting
Sound Control	Ring Volume	-	Yes(Off,Low,MED,HIGH)
	Key Volume	-	Yes(On,Off)
	Alarm Volume	-	Yes(On,Off)
	Speaker	-	Yes(On,Off, Comm)

2.2.6 Fax Specifications

Items		SCX-4321	SCX-4521F
Compatibility		-	ITU-T G3
Modem Speed		-	33.6Kbps
TX Speed		-	3sec
Compression		-	MH/MR/MMR/JPEG
Color Fax		-	Yes(Tx Only)
ECM		-	Yes
Resolution	Std	-	203*98dpi
	Fine	-	203*196dpi
	S.Fine	-	300*300dpi
	Photo	-	203*196dpi
	Color	-	200*200dpi
	Auto Switching	-	Yes
Scan Speed	Standard	-	approx. 3sec (ADF)
		-	approx. 5sec (Platen)
	Fine	-	approx. 7sec (ADF)
		-	approx. 8sec (Platen)
	S.Fine	-	approx. 7sec (ADF)
		-	approx. 8sec (Platen)
Rx fax duplex print out		-	No
Multiple page scan speed (Memory Tx.)		-	7 cpm / Ltr (Standard Resoution Res.)
Receive Mode		-	Fax, TEL, Ans/Fax, DRPD
Memory	Capacity	-	2MB (When Power off Memory Back up)
	Optional Memory	-	No
	Max locations to store to 1 Group Dial	-	99 locations
	Fax Forward	-	Yes(On/Off)
	Broadcasting	-	109 locations(Max locations)
	Cover page	-	NO
	Delayed fax	-	Yes
	Memory RX	-	Yes
Functions	Voice Request	-	No
	TTI	-	Yes
	RTI	-	Yes
	Polling	-	No
	Earth/Recall	-	No
	Auto Reduction	-	Yes
	RDS	-	Yes
Junk Fax barrier		-	Yes
Security Receive		-	Yes
Memory Back-up		-	Max. 72hours

2.2.7 Paper Handling Specifications

Items	SCX-4321	SCX-4521F
Input Capacity and Types	150-sheet Cassette Tray (75 g/㎡, 20 lbs)	150-sheet Cassette Tray (75 g/㎡, 20 lbs)
Output Capacity and Types	50-sheet Face Down(75 g/㎡, 20 lbs)	50-sheet Face Down(75 g/㎡, 20 lbs)
Manual Tray	1 sheet	1 sheet
Media size	A4, A5, A6, Letter, Legal, Folio, Executive, ISO B5, JIS B5, Monarch, Envelope, No.10, DL, C5, C6 76 x 127 mm (3" x 5") ~ 216 x 356 mm (8.5" x 14")	
Media Type	Plain Paper, Transparency, Label, Envelope, Tick, Thin, Bond, Color Paper, Card Stock, Preprinted	
Paper Weight	16~24lb (60 to 90g/㎡) for 150 sheets, Cassette Tray 16~43lb (60 to 165g/㎡) for 1 sheet, Manual Tray	
ADF Capacity	Up to 30 sheets of 20lb(75g/㎡) paper	Up to 30 sheets of 20lb(75g/㎡) paper
ADF Document Size	Up to Legal	Up to Legal

2.2.8 Software

Items		SCX-4321	SCX-4521F
Compatibility	DOS	No	No
	Win 3.x	No	No
	Win 95	No	No
	Win 98/ME	Yes	Yes
	Win NT 4.0	Yes	Yes
	Win 2000	Yes	Yes
	Win XP	Yes	Yes
	Mac	Yes (10.3)	Yes (10.3)
	Linux	Yes	Yes
Driver	Printer	SPL	SPL
	TWAIN	Yes	Yes
	WIA	Yes	Yes
	ScanToPC	Yes	Yes
	PC-FAX	No	Yes (Send only)
Application	RCP	Yes	Yes
	Status monitor	No	No
	SmarThru4	Yes	Yes

2.2.9 Accessory

Items	SCX-4321	SCX-4521F
Quick Setup Guide	Yes (include Setup Guide and Function Guide)	
Quick User Guide	Yes (Korea Only)	Yes (Korea Only)
S/W CD ROM	1 CD (Contents; Electronic User Manual, SmarThru, Print Driver, Twain Driver, RCP)	
Toner Cartridge	1 EA	
Power Cable	1 EA	
Telephone Jack	No	1 EA
Printer Cable	No	No
Tray Coner	Yes	Yes

2.2.10 Consumables

Items	SCX-4321	SCX-4521F
Type	Single Cartridge	Single Cartridge
How to install	Front door open and front loading	Front door open and front loading
Toner Yield	3,000 pages at ISO 19752 5% Coverage(Ships with 1,000 pages Starter Toner Cartridge)	
Code	SCX-4521D3	SCX-4521D3
Level Sensor	-	-