

## 3. Specifications

Specifications are correct at the time of printing. Product specifications are subject to change without notice. See below for product specifications.

### 3.1 General Specifications

Items	Descriptions	
Print Method	Non-impact Electro-photography	
Developing system	Non-Magnetic, Mono-Component Developing System	
*Print Speed	Mono	Up to 24 PPM in A4, Up to 25 PPM in Letter size
	Color	Up to 6 PPM in A4, Up to 6 PPM in Letter size
Resolution	Up to 1200 DPI effective output, True 600 X 600dpi	
Source of Light	Laser diode (LSU : Laser Scanning Unit)	
Warm-Up Time	More than 99 sec	
First Print Time	Mono	15 seconds (Ready to 1st page out)
	Color	24 seconds (Ready to 1st page out)
Feed Method	Cassette , MPT(Multi Purpose Tray), SCT(Second Cassette Tray)	
Media Size	76 X 128mm (3 x 5") to 216 X 356mm (8.5 X 14")	
Media Thickness	Cassette : 16 ~24 lb , MPT : 16 ~ 43 lb	
Dimension (W X D X H)	510 X 470 X 405 mm	
Weight	Net	25.5 Kg                      56.2Lbs
	Gross	32.0 Kg                      70.5Lbs
**Acoustic Noise	Stand by	More than 40 dBA-TBD
	Printing	More than 48 dBA (Color)-TBD
Power save mode	Available, Setting : 5min/10min/15min/30min/45min/60min/120min	
Toner save mode	Disable	
Machine Life	Mono : More than 300,000 pages, Color : More than 75,000 pages	

\* Print speed will be affected by Operating System used, computing performance, application software, connecting method, media type, media size and job complexity.

\* OHP/Cardstock/Envelope : Half Speed

\*\* Sound Pressure Level, ISO 7779

### 3.2 Controller Specification

Items	Descriptions
Processor (CPU)	Samsung SPGPm (CLOCK SPEED 120Mhz), 32-bit RISC core (ARM 946ES)
Memory	FLASH ROM (PROGRAM) : 8MB flash
	*RAM : 64MB (Expandable to 320MB : With Option)
	Option DIMM module : 64/128/256MB
	100Pin SDRAM DIMM (Samsung Printer Only)
	EEPROM (NVRAM) : 1024bytes
Emulation	SPL-Color
Operating System	Win 95/98/ME/NT4.0/2000/XP, Various Linux OS including Red Hat, Caldera, Debian, Mandrake, Slackware, SuSE and Turbo Linux
Interface	Parallel : IEEE 1284 Bidirectional (Korea, Russia, Asia only) - Modes supported : Compatible, Nibble, Byte, ECP
	USB (without HUB mode) - USB 2.0 compliant                      -12/480 Mbps 1 port
	Network Interface - 10/100 Base TX 10/100 Base TX + 802.11b Wireless LAN
Interface switching	Automatic
Interface time-out	5min (Max.)
Font	Windows font, PS english font, PCL english font
Color Management	ICC ICM V3.4

\* Memory Slots : Standard Capacity is  
64MB Option Capacity is 320MB (Max)  
(100Pin 1 slot, 64MB/128MB/256MB)

### 3.3 Electrical Specification

Items	Descriptions		Remarks
Input Voltage	Nominal input voltage	200-240 VAC / 100~127VAC	
	Input voltage range	180-264 VAC/ 90~132VAC	
	Nominal frequency	50/60 MHz	
	Frequency tolerance	+3Hz	
Power Consumption	Printing :450W max (with SCF)		
	Power Save : 35W max		

### 3.4 Environmental Range

Items	Operating		Storage
Temperature	15~32.5 °C(50-90 °F)	-20~40 °C (-4~104 °F)	
Humidity	20~80%RH	10~80%RH	

### 3.5 Consumable & Maintenance Items

Items	Descriptions		Remarks
Periodic Replacing Parts	Toner Cartridge(Black)	initial (3,000 pages@5% coverage)	User replace
		replacement (7,000 pages@5% coverage)	
	Toner Cartridge(Cyan)	initial (2,000 pages@5% coverage)	User replace
		replacement (5,000 pages@5% coverage)	
	Toner Cartridge(Magenta)	initial (2,000 pages@5% coverage)	User replace
		replacement (5,000 pages@5% coverage)	
	Toner Cartridge(Yellow)	initial (2,000 pages@5% coverage)	User replace
		replacement (5,000 pages@5% coverage)	
	OPC Unit	mono : 50,000 pages	User replace
		color : 12,500 pages	
	ITB Unit(T1 Roller)	mono : 50,000 pages	User replace
		color : 12,500 pages	
	Waste Toner Tank	3,000 images	User replace
	Fuser Unit	simplex : 100,000 page (Mono)	Engineer
		duplex : 50,000 page	
	Transfer Roller(T2 Roller)	simplex : 50,000 page	Engineer
		duplex : 25,000 page	
Option	SCT (Second Cassette Tray)	- Paper capacity : 500sheets	
		- Paper weight : 60 ~ 90 g/m <sup>2</sup> / 16 ~ 24 lbs	
	Network Printing	- Ethernet 10/100baseTX + Wireless	
		- Protocols : TCP/IP, SPX/IPX, Ethertalk, SNMP, HTTP 1.1, DLC/LLC	
		- 8MB RAM Buffer for faster graphics performance	
		- 4MB Flash Memory for upgrade	
	802.11b Wireless LAN	- IEEE802.3b support	
		- speed : 11, 5.5, 2, 1Mbps	
		- WEP : 64bit, 128bit	
		- Operating range : 30m(Indoors) , 100m(Outdoors)	
	SDRAM DIMM	- 64,128MB, 256MB 100Pin SDRAM DIMM(Use Samsung Part Only)	

## 3.6 Paper handling Specifications

### 3.6.1 input Paper Size

Paper	Paper size	1st Cassette	2nd Cassette	MP tray	Duplex
A4	210 X 297 mm	O	O	O	O
Letter	216 X 279 (8.5 X 11")	O	O	O	O
Folio (Legal13")	216 X 330 (8.5 X 13")			O	O
Legal (Legal14")	216 X 356 (8.5 X 14")			O	O
Executive	184 X 267 (7.25 X 10.5")			O	
Statement	140 X 216(5.5 x8.5")			O	
ISO B5	176 X 250			O	
JIS B5	182 X 257			O	
A5	148.5 X 210			O	
A6	105 X 148.5			O	
Com-10 Envelope	105 X 241 (4.15 X 9.5")			O	
Monarch Envelope	98 X 191 (3.87 X 7.5")			O	
DL Envelope	110 X 220(4.33 X 8.66")			O	
C5 Envelope	162 X 229 (6.38 X 9.01")			O	
C6 Envelope	114 X 162 (4.49 X 6.38")			O	
Transparency (OHP)	A4 or Letter			O	
Label paper	A4 or Letter			O	

**O : Supported**

### 3.6.2 Input Capacity

Items	Descriptions		Remarks
Cassette(FCT)	250 sheets		
MP tray	Paper	100 sheets	
	Transparencies	30 sheets	
	Envelopes	10 sheets	
	Labels	10 sheets	
Option Cassette(SCT)	500 sheets		

### 3.6.3 Output Capacity

Items	Descriptions	Remarks
Face Down	250 sheets	