

3. Specifications

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

3.1 General Specifications

Item		ML-2250 Series	
		ML-2250	ML-2251N/ML-2252W
*Speed	Simplex	Up to 20ppm in A4(22ppm in Letter)	
	Duplex	NO	
Resolution	-	Up to 1200x1200dpi effective output	
	Default	600dpi	
	RET Chip	YES	
	Gray Scale Level	128 Gray	
Size (W*D*H)	Set	358mmx452mmx278mm (14.1"x17.8"x10.9")	
Weight	Set Net (with Image artridge)	10kg (22 lbs)	
	Packing	12.7kg (28lbs)	
	Design	Cassette Type, S-Path	
Design	Paper Path	Cassette Type, S-Path	
	Multi Purpose Feeder	YES (50 Sheets)	
	Paper Output Tray	YES (Stacker)	
	Duplex	NO	
	Cabinet Color	S. White(W91641), Bright Gray (G71335)	
	Paper Indicator	YES (Lever)	
	LCD	NO	
	Button	1 Key (No LED): Cancel / Toner Save	
	LED	2 LED (1 Dual Color LED): Ready, Error, Toner Save	
Warm-Up Time	Cold Warm-Up	42 sec	
	sleep mode	42 sec	
FPOT	Stand By	10 sec (from LSU 'ON', A4)	
	Sleep Mode	50 sec	
Electric	Input Voltage	Low Voltage : 100~127VAC (active range 90 ~ 135VAC), High Voltage : 200~240VAC (active range 180 ~ 264VAC)	
	Electric Currency	Amp (in 220VAC/110VCA)	
	Input Frequency	50/60 Hz(+/- 3Hz)	
Power Switch		YES	
Power Consumption	Ready	Less than 70w	
	AVG.	Less than 350w	
	Max.	700w	
	Power Save	Less than 11w	
Power Save Mode	Support	YES (RCP Mode)	
	Setting Unit	Default : 5 min , Off/ 5 min/ 10 min/ 15 min/ 30 min/ 45 min/ 60 min	
**Acoustic Noise	Printing	Less than 51 dBA	
	Stand-By	Less than 39 dBA	
Printing	Size (Max.)	216mmx356mm (8.5"x14")	
	Size (Min.)	76mmx127mm (3"x5")	
	Margin(Top/Bottom/Left/Right)	4mm, 4mm, 4mm, 4mm	

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

** Sound Pressure Level, ISO 7779

Item		ML-2250 Series	
		ML-2250	ML-2251N/ML-2252W
Paper Input	Pick-Up	Center Feeding	
	Capacity	Max 550 sheet 1. Cassette : 250 sheet 2. MPF : 50 Sheet (Special Media 5 Sheets) 3. Optional Second Cassette Feeder :250 sheets	
	Media Type	- Cassette : A4, A5, Letter, Legal, Executive, Folio, ISO B5, JIS B5, 3"x5", Oficio - Manual Slot : No - Multi Purpose Feeder : A4, A5, A6, Letter, Legal, Folio, Executive, ISO B5, JIS B5, 3"x5", Monarch, No.10, DL, C5, C6, ficio - Second Cassette Feeder : A4, A5, Letter, Legal, Executive, Folio, ISO B5, JIS B5, C6, Oficio	
	Media Weight	1. Cassette : 16~24lb (60 to 90g/•) 2. Multi Purpose Feeder : 16~43lb (60 to 163g/•) 3. Second Cassette Feeder : 16~24lb (60 to 90g/•)	
Paper Output	Capacity	Max151 sheet 1. Face-Down :150 sheet , 2. Face-Up : 1 sheet	
	Stacker	1. Face-Down : YES , 2. Face-Up : NO	
	Offset Output	NO	
Sensor	Paper	YES	
	Paper Size	NO	
	Media Type	NO	
	Paper Full	NO	

3.2 Controller Specification

Item		ML-2250 Series	
		ML-2250	ML-2251N/ML-2252W
MPU	CPU	SPGPm 166MHz	
	GEU	YES	
Emulation	Standard	ML-2250: SPL,PCL6(Firmware),EPSON,IBM ProPrinter ML-2250/50G Domestic: SPL, PCL6(Firmware),KS5843,KSSM,KSC5895	
	Option	PostScript 3 with 136 fonts	
	Auto Emulation Sensing	YES	
Interface	Standard	IEEE1284,USB 2.0	
	Option	Serial : NO , IrDA : NO	
	Auto Interface Sensing	YES	
Memory	Standard / Max.	Export : 16MB / 144MB , Domestic : 32MB/160MB	
	Type	SDRAM	
	Expand Memory Slot, Type	YES : 1EA	
	Compression Technology	N/A	
Font	Type	Flash Memory	
	Number	45 Scalable, 1 Bitmap	
Network	Standard	N/A	ML-2251N : 10/100 Base TX , ML-2252W : 10/100 Base TX & Wireless LAN
	Option	YES : 10/100 Base TX YES : 10/100 Base TX & Wireless LAN	ML-2251N : YES (10/100 Base TX & Wireless LAN)
Test Print	Demo Mode	Press the Demo key for 2 seconds	
	Configuration Mode	Press the Demo key for 6 seconds	
	Cleaning Mode	Press the Demo key for 10 seconds	
	Service Mode	Press the Demo key when power on	

3.3 Software Specifications

Item		ML-2250 Series	
		ML-2250	ML-2251N/ML-2252W
OS	Compatibility	- Windows 95/98/NT4.0/2000/Me/XP - Linux OS including Red Hat, Caldera, Debian, Mandrake, Slackware, SuSE, and Turbo Linux	
Printer Driver	Compatibility	SPL	
	Default	SPL	
	Remote Control Panel	YES	
	Status Monitor	USB : YES, Network : YES, Parallel : NO	
	Language	Korea, English, German, France, Spain, Italy, Netherland, Portugal, Russia, Sweden, Norway, Finland, Denmark, China, Taiwan	
	Contents	Printer Driver, Acrobat Reader, Manual, SM, Electronic Registration	
	Electronic Registration	SPL	
Driver Function	Layout	1)Orientation : Portrait, Landscape, Rotate 180 Degrees 2)Layout Options : Type, Pages per Side, Page Order 3)Favorites	
	Paper	1)Copies 2)Paper Options : - Size, - Source, - Type 3)Favorites	
	Graphics	1)Resolution : - 1200dpi (Best), 600dpi (Normal) 2)Toner Save : - Printer Setting,- On,- Off 3)Advanced Options 4)Favorites	
	Extras	1)Watermark 2)Overlay 3)Output Options : - Print Order, - Reprint When Jammed 4)Favorites	
	Printer	1)Printer Configuration : - High Altitude Correction, Power Save => Time Delay	
	About	1) Buy Supplies 2) Samsung Website	
WH	-	XP	

3.4 Consumable Specifications

Item		ML-2250 Series	
		ML-2250	ML-2251N/ML-2252W
Toner Cartridge	Type	Single Cartridge	
	Life (Initial)	5,000 Sheets @ISO 19752 5% Coverage	
	Life (Running)	5,000 Sheets @ISO 19752 5% Coverage	
	Sensor	NO	

3.5 Option Specifications

Item		ML-2250 Series	
		ML-2250	ML-2251N/ML-2252W
Second Cassette	Capacity	250 Sheets (Life : 150,000 Sheets)	
	Media Type	A4, A5, Letter, Legal, Executive, Oficio, Folio, ISO B5, JIS B5	
	Media Weight	16~24lb (60 to 90g/m ²)	
Memory	Upgradable Memory Slot	YES (1EA)	
	Upgradable Memory Type	SDRAM	
	Upgradable Memory Unit	16MB, 32MB, 64MB, 128MB	
	Access Time	70nsec	
Network	Option	YES : Internal Network Adaptor	ML-2251N : 10/100 Base TX & Wireless LAN
	Protocol	SPX/IPX, TCP/IP, Ethertalk, SNMP, HTTP 1.1, DLC/LLC	
	Operating System	MS Windows 98/NT/ME/2000/XP, SUN Solaris, HP-UX, SCO, Novell Netware, Macintosh	
PostScript	Support	PostScript 3 Emulation, 4MB, 8MB	
Duplex	Support	N/A	
Hard Disk	Support	N/A	
	Type	N/A	
Mail Box	Support	N/A	
	Size	N/A	
Serial	Support	N/A	
LocalTalk	Support	N/A	
Emulation	IBM ProPrinter N/A	YES	
	EPSON	YES	

3.6 Other Specifications

Item		ML-2250 Series	
		ML-2250	ML-2251N/ML-2252W
Duty Cycle	Max. Duty Cycle/month	30,000 sheet / month	
MTTR	Mean Time To Repair	30 min	
MPBF	Mean Paper Between Failure	30,000 sheet	
Life Cycle	SET	150,000 sheet or 5 years	
Service	Service Item & Period	1. Transfer Roller : 60K pages	
		2. Fuser Unit : 80K pages	

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