



Samsung Laser Printer, Fax & MFP

Product Guide



The most exciting little
beige boxes on the planet.

Is that possible? Can a laser printer, fax or multifunction machine truly be exciting? It all depends on how you look at things. A fax machine, for instance, can at any moment deliver your largest sales order ever. A printer permanently commits your best thoughts and ideas to black and white, for all to see. To us, that's exciting. To us, everything can be fresh and fun. That's how we approach every new product we design, every new product we reinvent. That enthusiasm has resulted in a host of innovative features and a truckload of awards. Along the way, we've managed to make your life that much easier and that much more productive. And that is definitely exciting to us.

SAMSUNG

Samsung Monochrome Laser Printers

Exclusive features. Reliable performance. Strong value. Samsung laser printers are designed to stay quietly in the background, working and working and working.

One-Touch Access No more paging through menu after menu to find the functions you want. Samsung lets you do it with one touch.

TonerSave With the touch of a button, you can extend the life of your toner cartridges by up to 40% when used consistently.

Duplex Print on both sides of the paper. Save paper. Save money.

Cancel Stop print jobs with the touch of a button.

Compatibility All Samsung printers are widely compatible. They support Windows, Macintosh and Linux operating systems.

Wireless Printing We offer the very latest wireless technology, for seamless, easier printing.

Networking Samsung makes it easy to network a workgroup or an entire department. Many Samsung laser printers are available with a PortThru NIC card and SyncThru network management software for full 10/100Base-TX network compatibility.



ML-1710	ML-1750	ML-1450	ML-1651N	ML-2150
				
Compact printer packed with advanced technology for fast, professional-quality documents.	Best entry-level 8 MB printer, packed with innovative technology.	Professional output and effortless paper handling make the ML-1450 ideal for small workgroups.	At 17 ppm, this network-ready printer provides a powerful solution for busy office environments.	Fast, heavy duty and expandable, making it an ideal printer for small and medium-sized offices.

Product Specifications					
General					
Print Technology	Laser	Laser	Laser	Laser	Laser
Print Speed	17 ppm	17 ppm	15 ppm	17 ppm	21 ppm, 10 ppm Duplex
Processor	90 MHz RISC	166 MHz RISC	66 MHz RISC	166 MHz PowerPC	166 MHz RISC
Duty Cycle (Pgs/Mo.)	15,000	15,000	12,000	40,000	100,000
Memory, Standard	8 MB	8 MB	4 MB	16 MB	16 MB
Memory, Maximum	8 MB	8 MB	68 MB	144 MB	144 MB
Print Language, Standard	GDI	GDI, PCL 6	GDI, PCL 6	PCL 6	GDI, PCL 6, IBM ProPrinter II, Epson FX-850
Print Language, Optional	N/A	N/A	PS 3	PS 3	PS 3
Resolution					
Print Resolution	600 x 600 dpi	1200 x 600 dpi	1200 x 1200 dpi	1200 x 1200 dpi	1200 x 1200 dpi
Connectivity					
Connectivity, Standard	USB 1.1	Hi-Speed USB 2.0, IEEE-1284 Parallel	USB 1.1, IEEE-1284 Parallel	USB 1.1, IEEE-1284 Parallel, 10/100Base-TX	Hi-Speed USB 2.0, IEEE-1284 Parallel
Connectivity, Optional	N/A	N/A	10/100Base-TX	N/A	10/100Base-TX, 802.11b Wireless LAN
Paper Handling					
Input Capacity, Standard (Tray 1, Bypass)	250 Sheets, 1 Sheet	250 Sheets, 1 Sheet	550 Sheets, 100 Sheets	550 Sheets, 100 Sheets	500 Sheets, 100 Sheets
Input Capacity, Optional	N/A	N/A	550 Sheets	550 Sheets	500 Sheets
Output Capacity, Standard (Face-Down, Face-Up)	50 Sheets, 1 Sheet	50 Sheets, 1 Sheet	250 Sheets, 100 Sheets	250 Sheets, 100 Sheets	250 Sheets, 100 Sheets
Duplexing	N/A	N/A	Manual	Manual	Automatic
Supported OS					
Microsoft® Windows	MS Windows 95, 98, Me, 2000, XP	MS Windows 95, 98, Me, NT4, 2000, XP	MS Windows 95, 98, Me, NT4, 2000, XP	MS Windows 95, 98, Me, NT4, 2000, XP	MS Windows 95, 98, Me, NT4, 2000, XP
Apple® Mac OS	Classic, OS X 10, 10.1	Classic, OS X 10, 10.1	Classic, OS X 10, 10.1	Classic, OS X 10, 10.1	Classic, OS X 10, 10.1
Linux	Red Hat, Caldera, Debian, Mandrake, Slackware, Turbolinux, SuSE	Red Hat, Caldera, Debian, Mandrake, Slackware, Turbolinux, SuSE	Red Hat, Caldera, Debian, Mandrake, Slackware, Turbolinux, SuSE	Red Hat, Caldera, Debian, Mandrake, Slackware, Turbolinux, SuSE	Red Hat, Caldera, Debian, Mandrake, Slackware, Turbolinux, SuSE
Other	N/A	N/A	N/A	N/A	SUN Solaris, HP-UX, SCO UNIX
Miscellaneous					
First Page Out	12 Sec.	12 Sec.	15 Sec.	14 Sec.	12 Sec.
Standard Font (Scalable, Bitmap, TrueType)	Windows Fonts	45, 1, 9	45, 1, 136	45, 1, 136	45, 1, 136
Acoustics (Printing, Standby)	50 dB, 35 dB	50 dB, 35 dB	48 dB, 35 dB	49 dB, 35 dB	52 dB, 35 dB
Power Consumption (Printing, Power Save)	250 W, 10 W	250 W, 10 W	350 W, 12 W	550 W, 20 W	350 W, 15 W
Dimensions (W x D x H)	13.9" x 14.6" x 7.7"	13.9" x 14.6" x 7.7"	14.3" x 16.1" x 11.6"	14.3" x 16.1" x 11.6"	14.3" x 16.1" x 11.6"
Weight	15.4 Lbs.	15.4 Lbs.	27.3 Lbs.	27.3 Lbs.	24.3 Lbs.
Consumables					
Toner Part Number	ML-1750D3/XAA	ML-1750D3/XAA	ML-6060D6/XAA	ML-1650D8/XAA	ML-2150D8/XAA
Toner Yield at 5% Coverage (Standard, Starter)	3,000 Pages, 1,000 Pages	3,000 Pages, 1,000 Pages	6,000 Pages, 3,000 Pages	8,000 Pages, 4,000 Pages	8,000 Pages, 4,000 Pages
Accessories					
Second Paper Cassette	N/A	N/A	ML-6060S6/XAA (550 Sheets)	ML-1650 S6/XAA (550 Sheets)	ML-2150S5/XAA (500 Sheets)
Ethernet 10/100Base-TX Network Card, Internal	N/A	N/A	ML-6100N3/XAR	ML-00NA/XAA	ML-00NB/XAA
PostScript 3 Upgrade	N/A	N/A	ML-6060XA/XAA	ML-00PA/XAA	ML-00PB/XAA
Memory Upgrade	N/A	N/A	72-pin EDO RAM	Samsung 100-pin SDRAM	100-pin SDRAM

Note: Macintosh print resolution is limited to 600 dpi unless PostScript emulation is installed. Macintosh network printing requires 10/100Base-TX card and PostScript emulation.

ML-2151N

ML-2152W



Network-ready printer for small workgroups, offering PostScript 3 and more.



Built-in wireless capability and multiple connectivity options in a powerful, professional machine.

ML-2151N	ML-2152W
Laser	Laser
21 ppm, 10 ppm Duplex	21 ppm, 10 ppm Duplex
166 MHz RISC	166 MHz RISC
100,000	100,000
16 MB	16 MB
144 MB	144 MB
GDI, PCL 6, PS 3, IBM ProPrinter II, Epson FX-850	GDI, PCL 6, PS 3, IBM ProPrinter II, Epson FX-850
N/A	N/A
1200 x 1200 dpi	1200 x 1200 dpi
Hi-Speed USB 2.0, IEEE-1284 Parallel, 10/100Base-TX	Hi-Speed USB 2.0, IEEE-1284 Parallel, 10/100Base-TX, 802.11b Wireless LAN
802.11b Wireless LAN	N/A
500 Sheets, 100 Sheets	500 Sheets, 100 Sheets
500 Sheets	500 Sheets
250 Sheets, 100 Sheets	250 Sheets, 100 Sheets
Automatic	Automatic
MS Windows 95, 98, Me, NT4, 2000, XP Classic, OS X 10, 10.1	MS Windows 95, 98, Me, NT4, 2000, XP Classic, OS X 10, 10.1
Red Hat, Caldera, Debian, Mandrake, Slackware, Turbolinux, SuSE	Red Hat, Caldera, Debian, Mandrake, Slackware, Turbolinux, SuSE
SUN Solaris, HP-UX, SCO UNIX	SUN Solaris, HP-UX, SCO UNIX
12 Sec.	12 Sec.
45, 1, 136	45, 1, 136
52 dB, 35 dB	52 dB, 35 dB
350 W, 15 W	350 W, 15 W
14.3" x 16.1" x 11.6"	14.3" x 16.1" x 11.6"
27.3 Lbs.	27.3 Lbs.
ML-2150D8/XAA	ML-2150D8/XAA
8,000 Pages, 4,000 Pages	8,000 Pages, 4,000 Pages
ML-2150S5/XAA (500 Sheets)	ML-2150S5/XAA (500 Sheets)
Standard Feature	Standard Feature
Standard Feature	Standard Feature
100-pin SDRAM	100-pin SDRAM

Samsung Fax and Multifunction Office Machines

Simple, reliable, affordable machines. Lots of useful features. Everything will be easier. Especially your life.

TonerSave With the touch of a button, you can extend the life of your toner cartridges by up to 40% when used consistently.

PowerSave Reduces power consumption.

PaperSave With our 2-up copy feature, you can copy two pages onto one sheet of paper and reduce your paper costs.

TollSave (available on select models) This technology lets you store documents, then delay transmission until the phone rates are lowest, dramatically reducing telephone costs.

Battery Back-Up Documents can be automatically stored in memory, even during a power outage, in the event your fax machine runs out of paper.

Dual Access Send or receive faxes while printing or copying at the same time.

Quick Scan (select models) Scans documents into memory in as little as 1.5 seconds. No more waiting for faxes to scan and send.



SF-5100

SF-531P/555P





Plain laser fax with convenient copying capability, making it perfect for small and home offices.



Compact, feature-packed 4-in-1 machine for maximum space savings in small office environments.

Product Specifications	SF-5100	SF-531P/555P
Functions		
Print	No	Yes
Fax	Yes	Yes
Copy	Yes	Yes
Scan	No	Yes
Laser Printer Engine Specifications		
Print Speed	6 ppm	531P: 8 ppm, 555P: 12 ppm
Print Resolution	300 dpi	600 dpi
Print Language, Standard	N/A	GDI
Connectivity, Standard	N/A	USB 1.1, IEEE-1284 Parallel
Supported OS	N/A	MS Windows 95, 98, Me, NT4, 2000, XP; Mac OS: printing, no scanning
FAX Specifications		
Transmission Speed (Kbps, Seconds/Page)	14.4, 6	33.6, 3
Scan Speed (Approx.)	6 Sec.	3 Sec.
FAX Compatibility, ECM	ITU-T Group 3, ECM	ITU-T Group 3, ECM
Coding Method	MH/MR/MMR	MH/MR/MMR
Storage	1 MB, 80 Pages	2 MB, 160 Pages
Resolution	300 x 300 dpi	300 x 300 dpi
Quick Dialing (One-touch, Total)	10, 80	20, 80
Battery Backup	30 Min.	30 Min.
Copy Specifications		
Resolution (Scan, Print)	300, 300 dpi	300, 600 dpi
Copy Reduction and Enlargement	50 - 130%	50 - 200%
Multi-Copies	99 Pages	99 Pages
Scan Specifications		
Resolution (Optical, Enhanced)	N/A	300 dpi, 600 dpi
Type	N/A	CIS
Bit Depth (Mono, Color)	N/A	6, N/A
Platen Size	N/A	N/A
Paper Handling		
Input Capacity, Standard (Tray 1, Bypass)	150 Sheets, 1 Sheet	150 Sheets, 1 Sheet
Input Capacity, Optional	N/A	N/A
Output Capacity, Standard (Face-Down, Face-Up)	0, 100 Sheets	0, 100 Sheets
Automatic Document Feeder	20 Sheets	20 Sheets
Consumables		
Toner Type	SF-5100D3/XAR	SF550D3/XAA
Toner Yield at 5% Coverage (Toner, Drum)	1 Piece Toner Cartridge 3,000 Pages, 1,000 Pages	1 Piece Toner Cartridge 3,000 Pages, 1,000 Pages
General		
Dimensions (W x D x H)	12.3" x 12.8" x 9"	12.3" x 12.8" x 9"
Weight	16 Lbs.	16 Lbs.
Power Consumption (Normal, Power Save)	150 W, 10 W	150 W, 10 W

SCX-4016	SCX-4116	SCX-4216F	Msys-6750	Msys-730	Msys-830/835P	SCX-5312F
						
A fast, affordable 3-in-1 flatbed imaging solution for offices that need copying, printing and color scanning.	A 3-in-1 MFP with a built-in ADF to transform it into a digital copier.	This functional 4-in-1 MFP is an ideal imaging solution for small to medium-sized businesses who need fax capability.	Designed for high-volume use, this laser fax with copy function is perfect for demanding business applications.	This reliable 33.6 Kbps fax features a fax modem, convenience copying and optional second cassette.	High-performance faxing and scanning. 830 offers optional second line, 835P offers printing and scanning.	This 4-in-1 multifunction digital fax, copier, printer and color scanner is a convenient space-saving unit.
Yes No Yes Yes	Yes No Yes Yes	Yes Yes Yes Yes	No Yes Yes No	No Yes Yes No	830: No 835P: Yes Yes Yes 830: No 835P: Yes	Yes Yes Yes Yes
17 ppm 600 dpi GDI USB 1.1, IEEE-1284 Parallel MS Windows 95, 98, Me, NT4, 2000, XP, Mac OS: printing, no scanning	17 ppm 600 dpi GDI USB 1.1, IEEE-1284 Parallel MS Windows 95, 98, Me, NT4, 2000, XP, Mac OS: printing, no scanning	17 ppm 600 dpi GDI USB 1.1, IEEE-1284 Parallel MS Windows 95, 98, Me, NT4, 2000, XP, Mac OS: printing, no scanning	8 ppm 600 dpi N/A N/A	8 ppm 600 dpi N/A N/A	Simplex: 12 ppm, Duplex: 7 ppm 830: 600 dpi 835P: 1200 Class 835P: PCL 6 835P: USB 1.1, IEEE-1284 Parallel 835P: MS Windows 95, 98, Me, NT4, 2000, XP	Simplex: 12 ppm, Duplex: 7 ppm 1200 Class PCL 6 USB 1.1, IEEE-1284 Parallel MS Windows 95, 98, Me, NT4, 2000, XP
N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	33.6, 3 5 Sec. ITU-T Group 3, ECM MH/MR/MMR, JPEG 2 MB, 160 Pages 300 x 300 dpi 10, 100 15 Min.	14.4, 6 3 Sec. ITU-T Group 3, ECM MH/MR/MMR 5 MB, 400 Pages 300 x 300 dpi 38, 150 7 days	33.6, 3 3 Sec. ITU-T Group 3, ECM MH/MR/MMR 5 MB, 400 Pages 300 x 300 dpi 38, 150 7 days	33.6, 3 1.5 Sec. ITU-T Group 3, ECM MH/MR/MMR, JPEG, JBIG 830: 11 MB, 800 pgs. 835P: 8 MB, 640 pgs.	33.6, 3 3 Sec. MH/MR/MMR, JPEG, JBIG 4 MB, 320 Pages 300 x 300 dpi 40, 119 72 Hrs.
600, 600 dpi Platen: 25 – 400% 99 Pages	600, 600 dpi Platen: 25 – 400% 99 Pages	600, 600 dpi Platen: 25 – 400% 99 Pages	300, 600 dpi 50 – 200% 99 Pages	300, 600 dpi 50 – 200% 99 Pages	600, 1200 dpi Class 25 – 200% 999 Pages 835P only	600, 1200 dpi Class Platen: 25 – 400% 999 Pages
600, 4800 dpi Color CCD 8, 24 A4/Letter	600, 4800 dpi Color CCD 8, 24 A4/Letter	600, 4800 dpi Color CCD 8, 24 A4/Letter	N/A N/A N/A N/A	N/A N/A N/A N/A	300, 4800dpi CIS 8, 24 N/A	600, 4800 dpi Color CCD 8, 24 Legal
250 Sheets, 1 Sheet N/A 150 Sheets, 1 Sheet N/A	250 Sheets, 1 Sheet N/A 150 Sheets, 1 Sheet N/A	250 Sheets, 1 Sheet N/A 150 Sheets, 1 Sheet 30 Sheets	250 Sheets, 1 Sheet N/A 0, 100 Sheets 50 Sheets	250 Sheets, 1 Sheet 250 Sheets 0, 100 Sheets 50 Sheets	550 Sheets, 100 Sheets 550 Sheets 250 Sheets, 0 50 Sheets	550 Sheets, 100 Sheets N/A 250 Sheets, 0 30 Sheets
SCX-4216D3/XAA 1 Piece Toner Cartridge 3,000 Pages, 1,000 Pages	SCX-4216D3/XAA 1 Piece Toner Cartridge 3,000 Pages, 1,000 Pages	SCX-4216D3/XAA 1 Piece Toner Cartridge 3,000 Pages, 1,000 Pages	SF-6800D6/XAR 1 Piece Toner Cartridge 6,000 Pages	SF-6800D6/XAR 1 Piece Toner Cartridge 6,000 Pages	SCX-5312D6/XAA SCX-5312R2/XAA 2 Piece Toner And Drum 6,000 Pages, 15,000 Pages	SCX-5312D6/XAA SCX-5312R2/XAA 2 Piece Toner And Drum 6,000 Pages, 15,000 Pages
17.5" x 16.5" x 13.4" 33 Lbs. 320 W, 10 W	17.5" x 16.5" x 13.4" 33 Lbs. 320 W, 10 W	17.5" x 16.5" x 15.9" 33 Lbs. 320 W, 10 W	9.8" x 10.2" x 9.6" 17.6 Lbs. 164 W, 40 W	9.8" x 10.2" x 9.6" 17.6 Lbs. 164 W, 40 W	21.5" x 17.7" x 15.5" 48.4 Lbs. 320 W, 19 W	22" x 17" x 18" 49.5 Lbs. 290 W, 35 W

The way we think. Exciting features. Distinctive designs. Entirely new products. They're what the world expects of us. And they're what we expect of ourselves. Because we're driven by the thought that even when it's perfect, it can be better. It's why we continually reinvent even our own successful products. And it's a way of thinking that consistently results in products with more power. More productivity. More style. More fun. More everything. We also manufacture many of our own components, so we have the freedom to conceive and design and build and create without limit. Our way of thinking lets us give you exactly the products you want. Which, in the end, are exactly the products we want.

SAMSUNG

Accessories

Remember, Samsung printers, fax machines and multifunction machines work best with genuine Samsung toner cartridges and other accessories.

Awards



ML-1250/ML-1450/
ML-1651N
June 1, 2002



ML-1651N
October 1,
2002



ML-1430
November 1, 2002



ML-1430
June 1, 2002



Support

We're here when you need us. Our industry-leading 24/7 technical support is available on all Samsung printers. Just call us at 1-800-SAMSUNG.

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