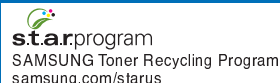


Specifications	ML-4512ND	ML-5012ND	ML-5017ND
<b>Print</b>			
Speed (Simplex)	Up to 45 ppm in Letter	Up to 50 ppm in Letter	Up to 50 ppm in Letter
Resolution	Optical: 600 x 600 / Enhanced: Up to 1200 x 1200 dpi effective output	Optical: 600 x 600 / Enhanced: Up to 1200 x 1200 dpi effective output	Optical: 600 x 600 / Enhanced: Up to 1200 x 1200 dpi effective output
First Print Out Time (Simplex)	As fast as 7 seconds	As fast as 7 seconds	As fast as 7 seconds
Emulation	PCL5e, PCL6, IBM ProPrinter, EPSON, PostScript3, PDF Direct v1.7, XPS v1.0	PCL5e, PCL6, IBM ProPrinter, EPSON, PostScript3, PDF Direct v1.7, XPS v1.0	PCL5e, PCL6, IBM ProPrinter, EPSON, PostScript3, PDF Direct v1.7, XPS v1.0
Duplex	Built-in	Built-in	Built-in
<b>Paper Handling</b>			
Standard Capacity	520-sheet Cassette Tray, 100-sheet Multi Purpose Tray	520-sheet Cassette Tray, 100-sheet Multi Purpose Tray	520-sheet Cassette Tray, 100-sheet Multi Purpose Tray
Max. Capacity	1,140 sheets	2,700 sheets	2,700 sheets
Media Size	(3" x 5") ~ (8.5" x 14") A4, Letter, Legal, Oficio, Folio, JIS B5, ISO B5, Executive, A5, Statement, A6, Index Card Stock, Postcard, Envelope Monarch, Envelope No-10, Envelope DL, Envelope C5, Envelope C6, Envelope No 9, Custom (3" x 5") ~ (8.5" x 14")	(3" x 5") ~ (8.5" x 14") A4, Letter, Legal, Oficio, Folio, JIS B5, ISO B5, Executive, A5, Statement, A6, Index Card Stock, Postcard, Envelope Monarch, Envelope No-10, Envelope DL, Envelope C5, Envelope C6, Envelope No 9, Custom (3" x 5") ~ (8.5" x 14")	(3" x 5") ~ (8.5" x 14") A4, Letter, Legal, Oficio, Folio, JIS B5, ISO B5, Executive, A5, Statement, A6, Index Card Stock, Postcard, Envelope Monarch, Envelope No-10, Envelope DL, Envelope C5, Envelope C6, Envelope No 9, Custom (3" x 5") ~ (8.5" x 14")
Media Type	Plain Paper, Thin Paper, Thick Paper, Cardstock, Thicker Paper, Hole Punched, Transparency, Pre-Printed, Letterhead, Recycled, Archive, Bond, Label, Envelope, Cotton, Colored	Plain Paper, Thin Paper, Thick Paper, Cardstock, Thicker Paper, Hole Punched, Transparency, Pre-Printed, Letterhead, Recycled, Archive, Bond, Label, Envelope, Cotton, Colored	Plain Paper, Thin Paper, Thick Paper, Cardstock, Thicker Paper, Hole Punched, Transparency, Pre-Printed, Letterhead, Recycled, Archive, Bond, Label, Envelope, Cotton, Colored
<b>General</b>			
Processor	Samsung Dual Core 600 MHz	Samsung Dual Core 600 MHz	Samsung Dual Core 600 MHz
Memory/Storage	128 MB (Max. 640 MB)	256 MB (Max. 768 MB)	256 MB (Max. 768 MB)
OS Compatibility	Windows 2000/XP (32/64 bit)/2003 Server (32/64 bit)/Vista (32/64 bit)/2008 Server (32/64 bit)/7/2008 Server R2 [Linux] - RedHat Enterprise Linux WS 4, 5 (32/64 bit) - Fedora 5, 6, 7, 8, 9, 10, 11, 12, 13 (32/64 bit) - SuSE Linux 10.1 (32 bit) - OpenSuSE 10.2, 10.3, 11.0, 11.1, 11.2 (32/64 bit) - Mandriva 2007, 2008, 2009, 2009.1, 2010 (32/64 bit) - Ubuntu 6.06, 6.10, 7.04, 7.10, 8.04, 8.10, 9.04, 9.10, 10.04 (32/64 bit) - SuSE Linux Enterprise Desktop 10, 11 (32/64 bit) - Debian 4.0, 5.0 (32/64 bit) Mac OS X 10.3-10.6, [UNIX] Sun Solaris 9,10 (x86, SPARC), HP-UX 11.0, 11i v1, 11i v2, 11i v3 (PA-RISC, Itanium), IBM AIX 5.1, 5.2, 5.3, 5.4 SAP AS400 CTRIX WHQL	Windows 2000/XP (32/64 bit)/2003 Server (32/64 bit)/Vista (32/64 bit)/2008 Server (32/64 bit)/7/2008 Server R2 [Linux] - RedHat Enterprise Linux WS 4, 5 (32/64 bit) - Fedora 5, 6, 7, 8, 9, 10, 11, 12, 13 (32/64 bit) - SuSE Linux 10.1 (32 bit) - OpenSuSE 10.2, 10.3, 11.0, 11.1, 11.2 (32/64 bit) - Mandriva 2007, 2008, 2009, 2009.1, 2010 (32/64 bit) - Ubuntu 6.06, 6.10, 7.04, 7.10, 8.04, 8.10, 9.04, 9.10, 10.04 (32/64 bit) - SuSE Linux Enterprise Desktop 10, 11 (32/64 bit) - Debian 4.0, 5.0 (32/64 bit) Mac OS X 10.3-10.6, [UNIX] Sun Solaris 9,10 (x86, SPARC), HP-UX 11.0, 11i v1, 11i v2, 11i v3 (PA-RISC, Itanium), IBM AIX 5.1, 5.2, 5.3, 5.4 SAP AS400 CTRIX WHQL	Windows 2000/XP (32/64 bit)/2003 Server (32/64 bit)/Vista (32/64 bit)/2008 Server (32/64 bit)/7/2008 Server R2 [Linux] - RedHat Enterprise Linux WS 4, 5 (32/64 bit) - Fedora 5, 6, 7, 8, 9, 10, 11, 12, 13 (32/64 bit) - SuSE Linux 10.1 (32 bit) - OpenSuSE 10.2, 10.3, 11.0, 11.1, 11.2 (32/64 bit) - Mandriva 2007, 2008, 2009, 2009.1, 2010 (32/64 bit) - Ubuntu 6.06, 6.10, 7.04, 7.10, 8.04, 8.10, 9.04, 9.10, 10.04 (32/64 bit) - SuSE Linux Enterprise Desktop 10, 11 (32/64 bit) - Debian 4.0, 5.0 (32/64 bit) Mac OS X 10.3-10.6, [UNIX] Sun Solaris 9,10 (x86, SPARC), HP-UX 11.0, 11i v1, 11i v2, 11i v3 (PA-RISC, Itanium), IBM AIX 5.1, 5.2, 5.3, 5.4 SAP AS400 CTRIX WHQL
Interface	High Speed USB 2.0, Device 1 Port/Host 1 Port, 10/100/1000 Base TX Ethernet	High Speed USB 2.0, Device 1 Port/Host 2 Port, 10/100/1000 Base TX Ethernet	High Speed USB 2.0, Device 1 Port/Host 2 Port, 10/100/1000 Base TX Ethernet
User Interface	16 x 4 Character LCD 3 x 4 Numeric Keypad Power, Cancel, ECO, Menu, Back, Buttons 4-Direction Navigational Pad	16 x 4 Character LCD 3 x 4 Numeric Keypad Power, Cancel, ECO, Menu, Back, Buttons 4-Direction Navigational Pad	4.3" Touch Screen Power, Cancel Buttons
Noise Level	Less than 54 dBA (Printing), Less than 30 dBA (Standby), Background Level (Sleep)	Less than 54 dBA (Printing), Less than 30dBA (Standby), Background Level (Sleep)	Less than 54 dBA (Printing), Less than 30 dBA (Standby), Background Level (Sleep)
Duty Cycle, Monthly	200,000 sheets	200,000 sheets	200,000 sheets
Dimension (W x D x H)	16.46" x 17.13" x 14.09"	16.46" x 17.13" x 14.09"	16.46" x 17.13" x 14.09"
Weight	55.87 lbs.	55.87 lbs.	55.87 lbs.
Power Consumption	Less than 12 W (Ready)/ Less than 850 W (AVG)/1400 W (Max/Peak)/ Less than 4.5 W (Power Save)	Less than 15 W (Ready)/Less than 900 W (AVG)/ 1400 W (Max/Peak)/ Less than 4.5 W (Power Save)	Less than 15 W (Ready)/Less than 900 W (AVG)/ 1400 W (Max/Peak)/ Less than 4.5 W (Power Save)
<b>Consumables</b>			
Toner Cartridge	Standard: Average cartridge yield 7K standard pages* (MLT-D307S) High Yield: Average cartridge yield 15K standard pages* (MLT-D307L) Extra High Yield: Cartridge yield 20K standard pages* (MLT-D307E) *Declared cartridge yield in accordance with ISO/IEC 19752.	Standard: Average cartridge yield 7K standard pages* (MLT-D307S) High Yield: Average cartridge yield 15K standard pages* (MLT-D307L) Extra High Yield: Cartridge yield 20K standard pages* (MLT-D307E) *Declared cartridge yield in accordance with ISO/IEC 19752.	Standard: Average cartridge yield 7K standard pages* (MLT-D307S) High Yield: Average cartridge yield 15K standard pages* (MLT-D307L) Extra High Yield: Cartridge yield 20K standard pages* (MLT-D307E) *Declared cartridge yield in accordance with ISO/IEC 19752.
Imaging Unit	Average 60K pages* (MLT-R307) (*Average cartridge yield. This may vary depending on average area coverage & print job size.)	Average 60K pages* (MLT-R307) (*Average cartridge yield. This may vary depending on average area coverage & print job size.)	Average 60K pages* (MLT-R307) (*Average cartridge yield. This may vary depending on average area coverage & print job size.)
Options	Memory: 512MB (ML-MEM170) Optional Paper Tray: 520 sheet Cassette Tray (ML-S5012A)	Memory: 512MB (ML-MEM170) Optional Paper Tray: 520 sheet Cassette Tray (ML-S5012A) Finisher (Stapler) (ML-OCT65) Multi-bin Mailbox (ML-MBT65) Hard Disk (ML-HDK470) Short Stand (ML-DSK65S)	Memory: 512MB (ML-MEM170) Optional Paper Tray: 520 sheet Cassette Tray (ML-S5012A) Finisher (Stapler) (ML-OCT65) Multi-bin Mailbox (ML-MBT65) Hard Disk (ML-HDK470) Short Stand (ML-DSK65S)
<b>Green Management</b>			
Green Management	Energy Star Compliant, S.T.A.R. Program (Samsung Toner Recycle Program)	Energy Star Compliant, S.T.A.R. Program (Samsung Toner Recycle Program)	Energy Star Compliant, S.T.A.R. Program (Samsung Toner Recycle Program)

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Product Support: 1-866-SAM-4BIZ • 1-800-SAMSUNG



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