



## The business printer every office needs

See enhanced work solutions with the easy-to-use Samsung ML-4512ND printer



Boost your workday productivity with Samsung's easy-to-use ML-4512ND printer. Features such as anti-jam technology, 1 Gigabit Network and 600 MHz Dual-core processor will ensure that your document workflow is smooth and always driving office productivity. Its user-friendly features such as the OP panel and one-touch convenience (eco button), the Easy Print Manager and Secure Printing are suited for any modern office environment. And with the heavy media handling capabilities (with full range of paper input/output options), the busier times won't seem so stressful. Truly, a printer designed for your office needs. Effortlessly upgrade with the simple and professional Samsung ML-4512ND printer.



### Free your day with a reliable printing

Set your workday free from time-consuming and stress-causing printer blocks with Samsung's anti-jam technology. Utilising a retard roller, which provides a backward friction during the paper pickup process, your operation will see increases in productivity and even bigger reductions in work frustration. Common problems that often add to stress-levels, such as miss-feeding and multiple paper feeding from the cassette tray, will become things of the past. An impressive high monthly duty is one of the clear-cut and measurable benefits found with anti-jam technology, and will add to a more streamlined and reliable workflow. So, with Samsung anti-jam technology your printing operation can finally be hassle-free, efficient and reliable.

### Streamline work with easy-to-use printers



Settle for nothing less than brilliant printing solutions that are trouble-free. The simple OP panel, which features a new compass dial, a 4-line LCD display and a numeric keypad, provides a simple and easy way to take full control of your printing operation. Featuring a new one-touch convenience eco button, which is easily found on the front panel and acts as a default setting once turned on, you can now combine two pages into one document. This helps you cut-back on costs by reducing paper and toner use, and therefore also lessens your impact on the environment. The OP panel also simplifies your workflow, with fewer buttons and unnecessary options to worry about. You can really produce amazing results in no time at all.



### A top printer that's low on noise

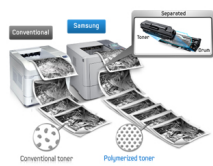
From a company that knows its business, the new Samsung ML-4512ND printer can work flat out at a mere 54 decibels, an office-friendly volume you won't be hearing our competitors shout about. With a standby volume of 30dBA, it signals an end to colleagues having to scream to be heard, even before

their printing has begun. Doors can stay open along corridors as the ML-4512ND outperforms the other leading printers copy after copy.



### Being eco-friendly just got easier

Make hitting your environmental goals a whole lot easier with Samsung's new Eco Mode, which also includes a Results Simulator to check how well you are doing. The Eco Mode features a one touch Eco Button, which conveniently serves as your default setting once activated, and reduces paper consumption with Duplex printing, 2-up printing and a Toner Save setting. Thanks to the Results Simulator, you can really appreciate how much good work you are doing. The simulation shows levels of carbon dioxide emissions, electricity and paper usage. The Eco Mode is an easy and effective way of keeping track of your printer consumption – which is better for you and the planet!



### Low cost per page, saving you money.- selected

Whether your office is big or small, the Samsung ML-4512ND printer will continue to deliver the best copy at a budget price. Save on money due to the separated toner and drum. Also, utilising a polymerised toner, the Samsung ML-4512ND printer lowers power consumption; its thin and uniform toner layer wastes less toner while operating with a lower fusing temperature and thus requires less power. So, the Samsung ML-4512ND printer delivers the perfect combination of professional printing that also saves you money, which is very business smart.



### Get more from every page with Duplex printing

Double your print output. Or, halve your paper costs. Either way you look at it; there is no denying that Duplex printing is an essential feature for both business and personal printing. It provides loads of cool and creative ways to fulfill print jobs, from single-sided formats to double-sided booklet formats, and really delivers a professional look and feel every time. The double-sided printing capabilities will also massively reduce costs and ensure that your paper supplies last longer. This then helps reduce waste, and minimises your impact on the environment. So, it is definitely a win-win situation with Duplex printing.



### Work better with Fast Speed printing performance

Print documents (small or large) quickly thanks to Samsung's Fast Speed printing. Perfect for getting important work documents printed with high quality and zero fuss, the faster printing speeds will also help boost office productivity and enhance workflows. It features a fast 'First Page Out Time' of 7 seconds from Ready, which is the fastest print speed amongst competing printers. A reliable and superior printer like this will quickly become a must-have business tool - you'll wonder how your business ever functioned without one.



## Meet work demands easily with heavier media handling

From everyday documents to important presentations, you always need to give your printing the handling it deserves. If you want to impress with not only high-quality results but also with the professional manner in which you complete the task, then your printer will need heavy media handling. When you combine the Main Tray (supports 163 sm), and the Multi-purpose Tray (supports 220 gsm\*), your printing operation will easily handle even the heaviest of jobs. From specialty paper and thick stock to envelopes, which no longer requires its own special feeder and now feeds through the Main Tray...your printing will be trouble-free, cost-effective and a pure breeze. \*Grams per square metre.



## Cut out print queues and increase productivity

Boost your print setup with a powerful 1 Gigabit network LAN connection. The enhanced connectivity will ensure that even the larger printing jobs from multiple users can be completed with amazing speed and without any compromise in quality. When combined with the 600 MHz Dual-core processor, the result is simply brilliant. During the busiest of times when important work documents, like big presentations, need to be looking perfect and ready on cue, the 1 Gigabit network will keep everyone happy. So, now a truly professional operation is easily achieved and just waiting to show off its full capabilities.



## Take control of office documents with Secure Printing

Important documents can easily end up in the wrong hands, especially when work printers are shared among many users. With Secure Printing you can now keep your documents safe from prying eyes using a pin code, which prevents your documents from being printed until it has been entered. Once you have sent the job to the printer, you simply go to the printer, scroll down the user interface to find your particular file, and then authorise the print by entering in the pin code. This is a simple and effective way of keeping tight control over the circulation of important documents, while also minimising unnecessary printing.



## Barcode printing

Keep track of operations with Samsung Barcode Solutions. From stock levels and product movements to membership cards and filing systems, you will increase productivity and reduce costly errors.



## CounThru™ 2 Pro / Enterprise

Get printer status without leaving your seat. Receive low toner level warnings, system error notifications and even usage and customer billing summaries with Samsung's proprietary CounThru™ 2 Pro / Enterprise interface.



### SyncThru™ Admin 5

Who says you can't do it all? SyncThru™ Admin 5 lets you easily install, manage and monitor all your networked digital print devices on an accessible interface. You also have the ability to analyze data in greater detail with easy-to-read reports.



### SyncThru™ Web Service

Tired of having to install software just to manage your printer? Now you can change printer settings, upgrade firmware and check your printer's status easily with just a web browser and the innovative SyncThru™ Web Service.



### Easy Print Manager

Run a smooth print operation with Samsung's Easy Print Manager. Every detail, from toner levels and job accounting to device settings and online ordering, is channeled into one easy-to-use programme.



### Universal Print Driver

Save time and money with Samsung's Universal Print Driver. One print driver, which handles all of your Samsung printers, eliminates unnecessary installations and integrates your print operation.

<b>Overview</b>	<b>Function</b>	Print
	<b>Value Added Function</b>	Low CPP (2-piece toner cartridge system)
<b>Print</b>	<b>Speed (Mono)</b>	Up to 43 ppm in A4 (45 ppm in Letter)
	<b>Resolution</b>	Optical: 600 x 600 Enhanced: Up to 1200 x 1200 dpi effective output
	<b>First Print Out Time (Mono)</b>	As fast as 7 s
	<b>Emulation</b>	PCL5e, PCL6, KS / KSSM, KS5895, IBM ProPrinter, EPSON, PostScript3, PDF Direct V1.7, XPS v1.0
	<b>Duplex</b>	Built-in
<b>Paper Handling</b>	<b>Input Capacity and Types</b>	520-sheet Cassette, 100-sheet Multi Purpose Tray
	<b>Output Capacity and Types</b>	500-sheet Face-Down
	<b>Media Size</b>	76 x 127 mm (3" x 5") ~ 216 x 356 mm (8.5" x 14"), (Envelope: Monarch, No10, DL, C5, C6, No9)
	<b>Media Type</b>	Printer Default, Plain Paper, Thick Paper, Thin Paper, Bond Paper, Color Paper, CardStock, Labels, Transparency, Envelope, Preprinted, Recycled Paper, Archive, Extra Thick
	<b>Envelope Capacity</b>	50 sheets from Cassette & 10 sheets from MP & 50 sheets from optional 1st Second Cassette, (Max. 110 sheets)
<b>General</b>	<b>Processor</b>	Samsung Dual Core 600 MHz
	<b>Memory / Storage</b>	128 MB (Max. 640 MB)
	<b>OS Compatibility</b>	WINDOW 2000 / XP( 32 / 64 bit) / 2003 Server (32 / 64 bit) / Vista (32 / 64 bit) / 2008 Server (32 / 64 bit) / 7 /

2008 Server R2"Linux - Fedora Core 4 ~ 6, Fedora 7 ~ 12, - RedHat Enterprise Linux WS 4 / 5, - SUSE Linux 10.0 / 10.1, openSUSE 10.2 / 10.3 / 11.0 / 11.1 / 11.2, SuSE Linux Enterprise Desktop 10 / 11, - Debian 4.0 / 5.0 - Ubuntu 5.04, 5.10, 6.06, 6.10, 7.04, 7.10, 8.04 8.10, 9.04, 9.10 - Mandriva 2005, 2006, 2007, 2007.1, 2008, 2008.1 2009, 2009.1"Mac OS X 10.3 ~ 10.6"UNIXSun Solaris 8,9,10 (x86, SPARC) IBM AIX 5.xHP-UX 11i (PA-RISC, Itanium) "

	<b>Interface</b>	Ethernet 10 / 100 / 1000 Base TX, High Speed USB 2.0, Host USB 1 Port (Rear 1 Port), IEEE 1284B Parallel connector (Option)
	<b>Noise Level</b>	Less than 54 dBA (Printing), Background Noise Only (Less than 30 dBA) (Standby)
	<b>Duty Cycle, Monthly</b>	150000 sheets
	<b>Dimension (W x D x H)</b>	418 x 435 x 358 mm
	<b>Weight</b>	26.45 kg (Inc. Imaging Unit / Toner / WTB), 22.96 kg (exc. Imaging Unit / Toner / WTB)
	<b>Power Consumption</b>	850 W (Active) / 12 W (Ready) / 4.5 W (Sleep)
<b>Consumables</b>	<b>Yield</b>	Standard: Average cartridge yield 7 K standard pages, High yield: Average cartridge yield 15 K standard pages (Ships with 7 K pages Starter Toner Cartridge), Imaging Unit: Average Yield 60 K standard pages Declared cartridge yield in accordance with
	<b>Type</b>	2-piece Cartridge
	<b>Model Code</b>	Toner Cartridge: MLT-D307S, MLT-D307L, Imaging Unit: MLT-R307
<b>Options</b>	<b>Options</b>	520-sheet Cassette Tray @80 g/m <sup>2</sup> (550-sheet Cassette Tray @75 g/m <sup>2</sup> ), 512 MB Memory, IEEE 1284B Parallel Connector

Features and specifications are subject to change without prior notification.