

Samsung A4 Mono Laser Printer

# ProXpress

M4530NX | M4530ND

Built for Reliability and Low-Cost Simplicity



**SMART PRINTING.**  
BUSINESS INNOVATION.

**SAMSUNG**

# Elevate business with high-volume, hassle-free printing

In today's driven marketplace, businesses must continuously rethink and innovate their strategies to maintain a competitive edge. Efficiency and manageability are top of mind for businesses of all sizes, as they seek to improve their performance and their bottom line.

Business tools, particularly printers, have emerged as a key area of focus for improving cost efficiencies and performance. Businesses need reliable, low-maintenance print solutions with the capacity to handle even the most demanding print jobs. Plus, these printers must deliver advanced functionality, such as manageability, rich security and mobile printing, while still holding down costs.

Samsung's flagship A4 mono laser printer ProXpress M4530NX / M4530ND powers business with reliable, secure performance while lowering total cost of ownership (TCO). Its robust, hassle-free design solves common document-handling and upkeep hassles with low maintenance and easy manageability – musts for today's small-to-medium sized work groups.

## Samsung ProXpress:



M4530NX  
(45 ppm)



M4530ND  
(45 ppm)



# Boost print performance with more speed, quality and storage

## Fast, high-volume print processing with zero fuss

ProXpress M4530 Series prints at fast speeds of up to 45 pages per minute (ppm). The 1 GHz dual-core CPU provides the power and capacity to accomplish print and copy jobs of any size or complexity. Businesses can work smoothly and operate at a much more efficient level with high-performance speed printing. Plus, the 1 GB standard memory<sup>1</sup> drives productivity levels with high-volume printing and the power to handle more print jobs at once.



## Store more print jobs

An impressive 320 GB standard hard disk drive (HDD)<sup>2</sup> gives you all the space you need and more to store print jobs for pull printing. Wirelessly print from anywhere and then, from any networked printer, “pull” or release the print job from your virtual queue at any time. ProXpress M4530 Series’ 320 GB of storage ensures your print job will be safely stored and ready to pull when you are.

<sup>1</sup> 1 GHz dual-core CPU is available on M4530NX model only.  
512 MHz dual-core CPU is available on M4530ND model only.  
<sup>2</sup> 320 GB standard HDD is available on M4530NX model only.  
Storage is not available on M4530ND model.

## Get sharper-quality print output

Samsung’s unique Rendering Engine for Clean Page (ReCP) technology delivers professional-quality output with sharp text and clean images, ensuring a perfect-looking printout every time. And with a superior resolution of 1,200 x 1,200 effective dpi, both your printouts and company will always look polished.



Edge Enhancement



Negative Sharpening



De-ICE  
(Integrated Cavity Effect)



De-Screening

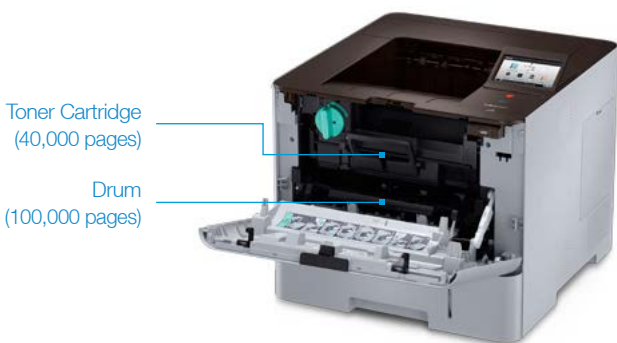
## Reliable performance when it counts

ProXpress M4530 boasts a durable build, specially designed to cope with the pressures of business. With a high monthly duty cycle of up to 200,000 sheets, businesses can rest assured that ProXpress can keep up with their print demands. And thanks to the unique anti-jam friction roller system, M4530 significantly reduces the occurrence of multiple sheet pickups, misfeeds and paper jams keeping workgroups working.

# Drive productivity while lowering TCO

## Efficient consumables for high-yield productivity

Businesses can handle heavy printing volumes while reducing labour costs with ProXpress M4530 Series' ultra-high-yield toner cartridges and drums. Flexible options range from toners that yield 40,000 standard black and white pages, while drums yield 100,000 standard black and white pages. These long-life consumables ensure businesses get the most out of their resources, resulting in lower TCO.



## Toner and paper savings at your fingertips

Lower toner and paper usage are just a touch away with the One Touch Eco Button. With a push of a button, businesses can activate instant savings with 2-up printing (two pages on the same side) and duplex printing (printing on both sides). The savings continue with the option to skip blank pages using the Toner Saving Mode. All these eco settings can be easily adjusted using Easy Printer Manager.



## Cut costs with fewer replacements

By separating the toner and drum cartridge, Samsung has enabled users to reduce TCO even further by replacing the drum unit only when required, rather than with every new toner cartridge. Add to this the extra-high capacity toner cartridge, and you have a truly economical office printing solution.



Award-winning Samsung Eco Driver extends cost savings with eco options that reduce toner and paper use by up to 20 percent, while easing energy consumption. Preview and edit quality, text and images before printing, and even monitor paper, toner and energy usage to economise your printing.



# Print easily, yet safely, on the go with robust document security

## Easy, secure touch-to-print functionality

The simple-to-use 4.3" touchscreen<sup>1</sup> or 4-line LCD control panel and built-in numeric keypad offer convenient access to a wide array of features and settings. And with the numeric keypad, users can safeguard personal and confidential documents by entering a PIN to release print jobs.



## Mobilise your printing with a tap

The Samsung Wireless and Near-Field Communication (NFC) option supports convenient mobile printing and intuitive keypad functionality for secure print release:

- **User authentication:** Authorise printing to a Samsung printer directly from your mobile device.
- **Secure printing:** Use your mobile device to authorise secure release of documents held in the printer's memory for retrieval.
- **Easy wireless setup:** Configure print functions from your mobile device without complicated activation steps.
- **Device cloning:** Create a multi-device network environment from virtually anywhere using your mobile device.

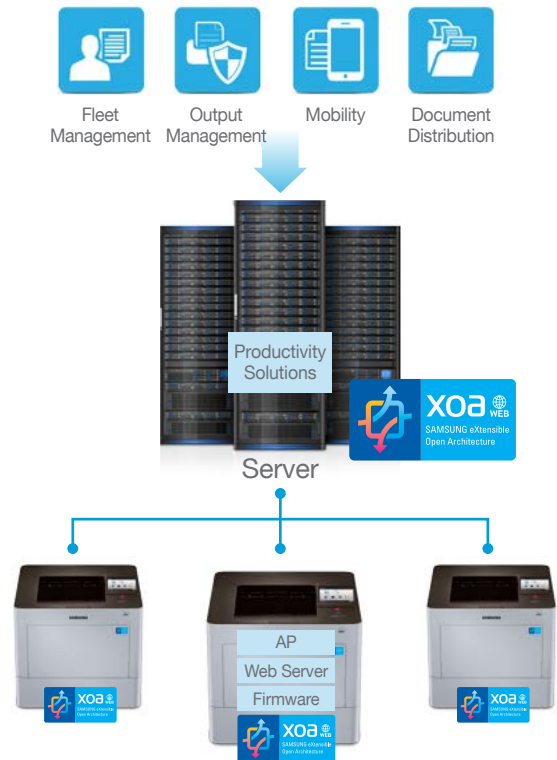


## Intuitive cloud-based mobility and security

Samsung Cloud Print™ (SCP) enables intuitive connectivity between mobile devices and printers, enabling you to effortlessly create, share, edit and print documents from anywhere. Seamlessly manage document flow from creation to print while on the go. Plus, embedded security solutions offer safe access to business-critical data.

## Seamless manageability with a secure platform

XOA Web platform supports an array of server-based productivity solutions to meet your specific business needs. Without the need for complicated hardware specifications, your business can seamlessly run your custom or independent software vendor (ISV) solutions on this web-based platform for peak business performance. Plus, your business can safeguard corporate confidentiality with security-enhanced functions.



<sup>1</sup> Touchscreen panel is available on M4530NX model only.

# Configurable devices for optimised performance

## Select from a range of options to create a tailor-made MLP

Businesses of varying sizes and industries can meet their specific needs with ProXpress M4530ND / M4530NX's unique configuration capabilities. Factory-provided modules serve as a basis upon which differing components are chosen along with a wide array of optional components, including, but not limited to, a wireless and NFC option and various stand sizes.

### Configurations & Options



# Samsung A4 Mono Laser Printer ProXpress

## M4530NX | M4530ND

### Technical details

		M4530NX	M4530ND	
General	Functions	Standard	Print	
	Value Added	4.3" Touch-Screen LCD / XOA Web	XOA Web	
	Processor	Dual Core 1GHz (C4N + A1000)		
	Memory	Standard	1 GB	512 MB
		Max	2 GB	
	Interface	Standard	Hi-Speed USB 2.0 Device (1EA), Host (2EA ), Ethernet 10/100/1000 Base TX	
		Optional	IEEE 802.11 b/g/n, NFC active	
	Power Consumption	less than 16 W (Ready) / 850 W (Normal operation) / 850 W (Max/Peak) / 1.5W (Sleep) / 0.45 W (Power off) / 2.45 kWh/week (TEC)		
	Noise Level	Less than 54 dBA (Printing) / Less than 30 dBA (Standby)		
	Dimension (WxDxH)	433 x 459.5 x 408.8 mm (17" x 18.1" x 16.1")		433 x 459.5 x 390.7 mm (17" x 18.1" x 15.4")
	Weight	22.0 kg (48.5 lb)		
	Max. Monthly Duty Cycle	200,000 Pages		
	Storage	Standard	320 GB	N/A
Optional		N/A	320 GB HDD	
Operational Panel	4.3" Touch Screen LCD		4 Line LCD	
Print	Speed (Mono)	45 ppm in A4 (47 ppm in Letter)		
	First Print Out Time (Mono)	6.5 sec (From ready)		
	Resolution	Up to 1,200 x 1,200 dpi Effective Output (600 x 600 x 2 bit)		
	Emulation	PCL5e / PCL6 / PostScript3 / PDF Direct V1.7 / XPS / TIFF / URF / PWG		
	Duplex Print	Built-in		
	Client OS Support	Windows	XP (32 / 64bit) / Vista (32 / 64bit) / 2003 Server (32 / 64bit) / 2008 Server (32 / 64bit) / Win7 (32 / 64bit) / 2008 Server R2 (64bit) / Win8 (32 / 64bit) / Win8.1 (32 / 64bit) / 2012 Server (64bit) / 2012 Server R2 (64bit)	
		Linux	RedHat Enterprise Linux WS 5, 6 / Fedora 12, 13, 14, 15, 16, 17, 18, 19, 20 / openSuSE 11.2, 11.3, 11.4, 12.1, 12.2, 12.3 / Ubuntu 10.04, 10.10, 11.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04 / SuSE Linux Enterprise Desktop 10, 11 / Debian 6, 7 / Mint 13, 14, 15, 16	
		UNIX	Sun Solaris 9,10,11 (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, 6.1, .7.1 (PowerPC)	
		Mac OS	X 10.5 - 10.9	
	Direct Print Support	Yes		
	Print Features	Automatic Double Sided Print / Direct Print / Secure Print		
	Solutions	SyncThru™ Admin / SecuThru™ Lite* / Usage Tracker		
	Paper Handling	Input Capacity	Standard	550 Sheets Cassette Tray (@75gsm) / (520 Sheets @80gsm)
Multipurpose			100 Sheet MP Tray (@80gsm)	
Other Options			550 Sheet SCF (@75gsm) x 4	
Maximum Capacity			2,850 Sheet Cassette Tray (550 Std + 100 MP + 4 x 550 SCF)	
Standard Cassette Tray		Media size	A4 / A5 / A6 / Letter / Legal / Oficio / Folio / JIS B5 / ISO B5 / Executive / Statement / PostCard 4x6 / Envelope Monarch / Envelope No 9 / Envelope No 10 / Envelope DL / Envelope C5 / Envelope C6 / Custom	
		Media type	Plain / Thin / Bond / Punched / Pre-Printed / Recycled / Envelope / Label / CardStock / Letterhead / Thick / Cotton / Coloured / Archive	
		Media weight	Supported Weight: 60 - 163 g/m <sup>2</sup> (16 - 43 lb), Thin Paper (60 - 69 g/m <sup>2</sup> ) / Plain Paper (70 - 90 g/m <sup>2</sup> ) / Thick Paper (91 - 120 g/m <sup>2</sup> ) / Bond Paper (105 - 120 g/m <sup>2</sup> ) / Cardstock (121 - 163 g/m <sup>2</sup> )	
		Capacity	100 Sheets	
Multipurpose Tray		Media size	Min : 76.2 mm x 127 mm (3"x5") / Max : 216 mm x 356 mm (8.5"x14.0")	
		Media type	Plain / Thin / Bond / Pre-printed / Recycled / Envelope / Label / Cardstock / Thick / Cotton / Coloured / Archive / Thicker	
		Media weight	Supported Weight: 60 - 220 g/m <sup>2</sup> (16 ~ 59 lb), Thin Paper (60 - 69 g/m <sup>2</sup> ) / Plain Paper (70 - 90 g/m <sup>2</sup> ) / Thick Paper (90 - 120 g/m <sup>2</sup> ) / Bond Paper (105 - 120 g/m <sup>2</sup> ) / Cardstock (121 - 163 g/m <sup>2</sup> ) / Thicker Paper (164 - 220 g/m <sup>2</sup> )	
		Capacity	550 Sheets @ 75 g/m <sup>2</sup>	
Other Options		Media size	A4 / A5 / A6 / Letter / Legal / Oficio / Folio / JIS B5 / ISO B5 / Executive / Statement / PostCard 4x6 / Envelope B5 / Envelope Monarch / Envelope COM-10 / Envelope DL / Envelope C5 / Envelope C6 / Custom	
	Media type	Plain Paper / Thin Paper / Bond / Punched / Pre-Printed / Recycled / Envelope / Label / CardStock / Letterhead / Thick / Coloured / Archive		
	Media weight	Supported Weight: 60 - 163 g/m <sup>2</sup> (16 - 43 lb), Thin Paper (60 - 70 g/m <sup>2</sup> ) / Plain Paper (70 - 90 g/m <sup>2</sup> ) / Thick Paper (91 - 105 g/m <sup>2</sup> ) / Bond Paper (105 - 120 g/m <sup>2</sup> ) / Cardstock (121 - 163 g/m <sup>2</sup> )		
Output Capacity	500 Sheets Face Down			
Supplies	Toner (Black)	Yield	Standard: 7,000 Pages* / High Yield: 20,000 Pages* / Extra High Yield: 40,000 Pages* / *Declared Cartridge Yield in Accordance With ISO/IEC 19752	
		Model Code	MLT-D304S / MLT-D304L / MLT-D304E	
	Drum Unit	Yield	100,000 Pages (* based on simplex 3 average letter/A4-size pages per print job and ~ 5% coverage)	
		Model Code	MLT-R304	
Option	Second Cassette Tray (SL-SCF4500), Stand (SL-DSK001S), Memory Upgrade Kit (SL-MEM001), Wireless LAN (SL-NWE001X (Wireless + NFC))		Second Cassette Tray (SL-SCF4500), Stand (SL-DSK001S), Memory Upgrade Kit (SL-MEM001), Wireless LAN (SL-NWE001X (Wireless + NFC)) HDD Kit (SL-HDK4001)	

# LEGAL AND ADDITIONAL INFORMATION

In modern society, keeping up with technology is critical to the success of any business or the productivity of any individual. The choice of technology can be the difference between survival and leadership.

As the workplace becomes more digitised and the workforce becomes more mobile, printer and copier devices must also adapt and evolve.

Printer technology and satisfaction lack the electronics innovation most employees expect. Nor has there been any major entrant to help shake change.

Until now.

Samsung is applying its ingenuity to develop breakthrough printing solutions that ignite productivity. Only Samsung has the electronics expertise to design and build a printer that fits the way society works today.

Printing for the modern world has arrived.  
**Samsung is printing innovation.**

## About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, printers, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US \$216.7 billion. To discover more, please visit [www.samsung.com](http://www.samsung.com).



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<sup>1</sup> Mobile devices need to support NFC technology.

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