

Samsung Printer **ProXpress** M4530NX | M4530ND

SAMSUNG

BUILT FOR RELIABILITY AND
LOW-COST SIMPLICITY



Enhance your work capabilities with solid, cost-effective print innovation.

In today's competitive landscape, businesses must continually rethink their strategies to maintain a competitive edge. One area that's easy for businesses to positively impact is workflow. Improving the efficiency and manageability of workflow can directly improve the bottom line.

Samsung's ProXpress M4530 series printers provide the ability to work faster and more efficiently using intuitive controls. Providing functionality and critical reliability, as well as mobile printing and rich security, these printers will keep any office running smoothly.

With high-performance and resource-efficient features, the M4530 series can meet the printing needs of workgroups that depend on easily managed, cost-competitive document-handling solutions, while maintaining a low total cost of ownership (TCO).

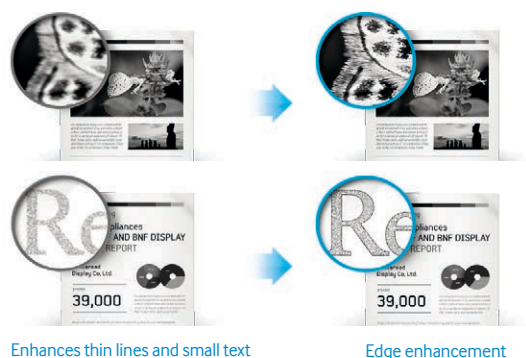
Boost print performance with more speed, quality and storage.

Fast, High-Volume Printing with Zero Fuss

The ProXpress M4530 series prints at fast speeds of up to 47 pages per minute (ppm), with a monthly duty cycle of 200,000 pages. The 1 GHz dual-core CPU provides the power to accomplish print jobs of any size or complexity. Plus the 1 GB standard memory (512MB on the M4530ND) drives productivity with high-volume printing and power to handle more print jobs at once.

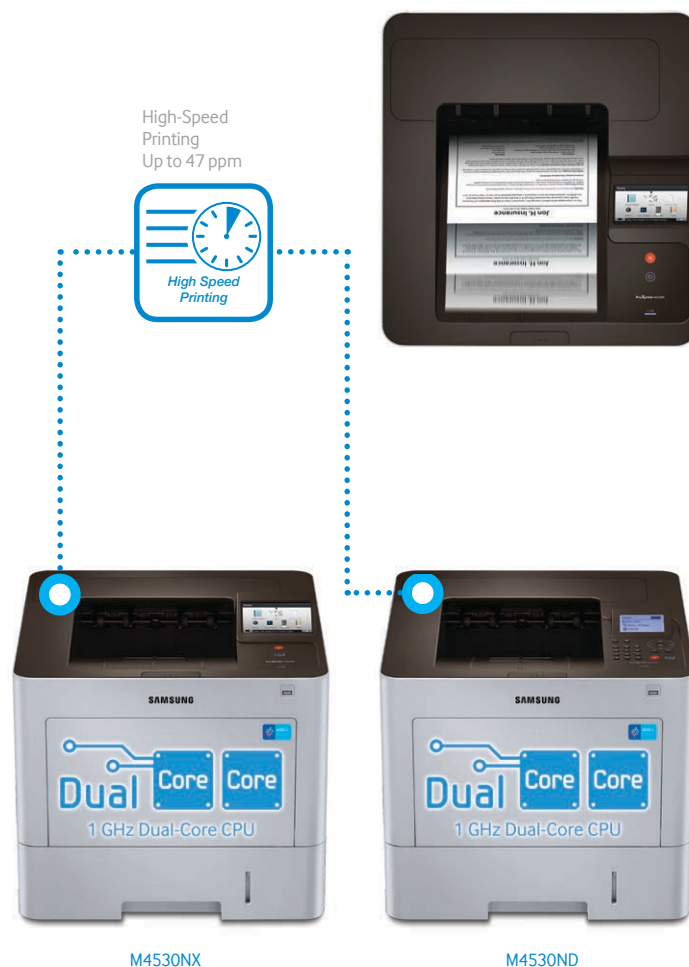
Get Sharper-Quality Print Output

Samsung's unique Rendering Engine for Clean Page (ReCP) technology delivers professional-quality output with sharp text and clean images. The innovative technology automatically sharpens the focus of both graphics and text. And with a superior resolution of 1,200 x 1,200 effective dpi, your printouts and company will always look professional.



Reliable Performance When it Counts

The ProXpress M4530 series boasts a durable build, specially designed to cope with the pressures of business. Thanks to the unique anti-jam friction roller system, the M4530 series significantly reduces the occurrence of multiple sheet pickups, misfeeds and paper jams.



Store More Print Jobs

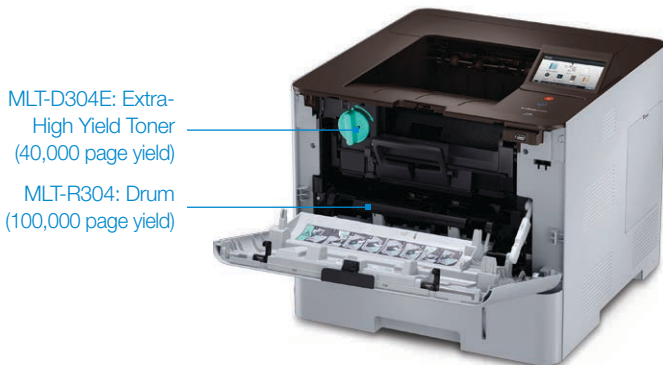
An impressive 320 GB standard hard disk drive (optional on the M4530NX) allows businesses to store print jobs for pull printing, ensuring print jobs will be safely stored and ready to be released when needed.

Manage operational expenses through secure, cost-saving and time-saving features.

Work more efficiently.

Save Resources with Low TCO Printing

Businesses can handle heavy printing volumes while reducing costs with the ProXpress M4530 series. Flexible options include a long-life drum supporting up to 100,000 pages and extra-high yield toner supporting up to 40,000* pages, which are designed to perform longer, resulting in a lower total cost of ownership.



Save Time with Simple Usability

The easy 4.3" touchscreen (M4530NX) or 4-line LCD control panel and built-in numeric keypad (M4530ND) offer convenient access to a wide array of features and settings. Utilizing the numeric keypad or the touchscreen display, users can authenticate documents by entering a required pin to securely release print jobs.



Print From the Cloud

The M4530 series natively supports Google Cloud Print. Print from any device, anywhere.

Manage your printing needs from a Samsung mobile device.

The Samsung Wireless and NFC printing option can be added to support various mobile printing solutions with just a tap, including:

User Authentication: Enable authorized users to tap and print to a Samsung MFP from their mobile devices.

Secure Printing: Authorize secure release of documents held in the printer's memory with BCPS and your mobile device.

Easy Wireless Setup: Configure wireless (IP) print setup from your mobile device without complicated activation steps.

Device Cloning: Clone standardized functions of an MFP.



The Samsung Mobile Print App Makes the Smartphone Smarter

Increase your productivity with the Samsung Mobile Print App, available as a free download for Android and iOS platforms. Print, scan and fax directly to and from any Samsung printer or MFP on a local wireless network or via Wi-Fi Direct on select models. Print important emails, PDFs and Microsoft® Office documents, all without the need for an external server or PC.



PrinterOn is the world's leading enterprise-grade mobile printing platform, and is designed for any organization that wants to provide simple, secure mobile and cloud printing. printeron.com



Samsung's Mobile Print solution earned the Summer 2012 Pick as "Outstanding Mobile Print App" from Buyers Lab, Inc.

*Declared cartridge yield in accordance with ISO/IEC 19752

A platform that allows you to do business the way you want to do business.

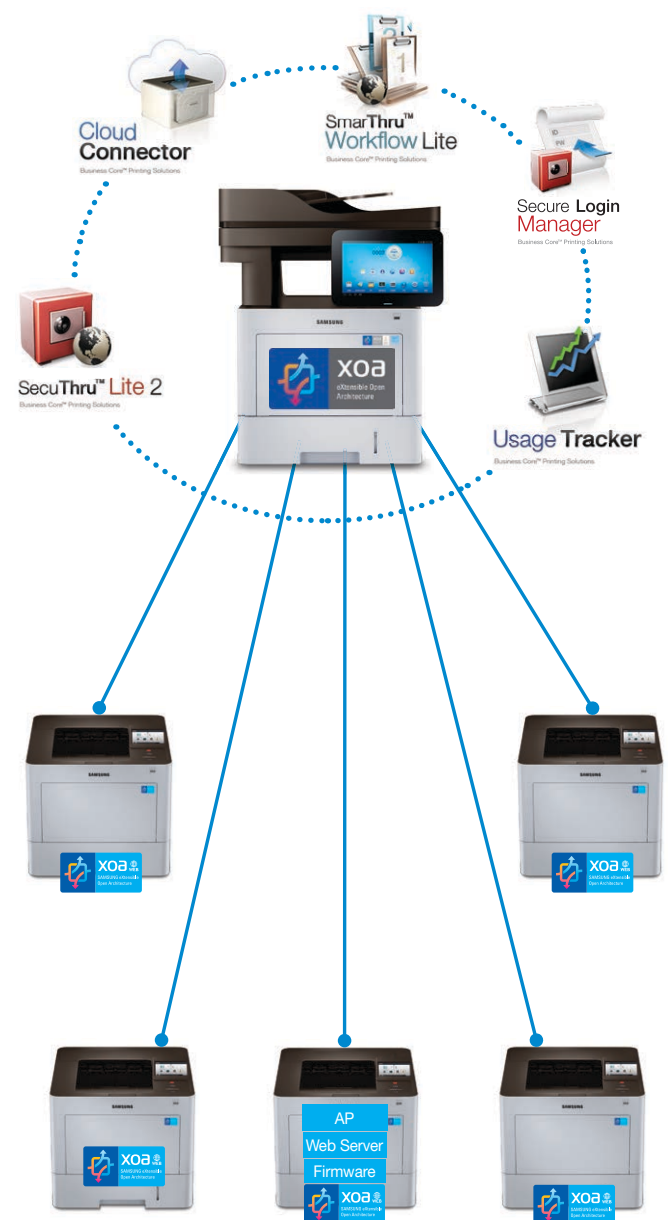
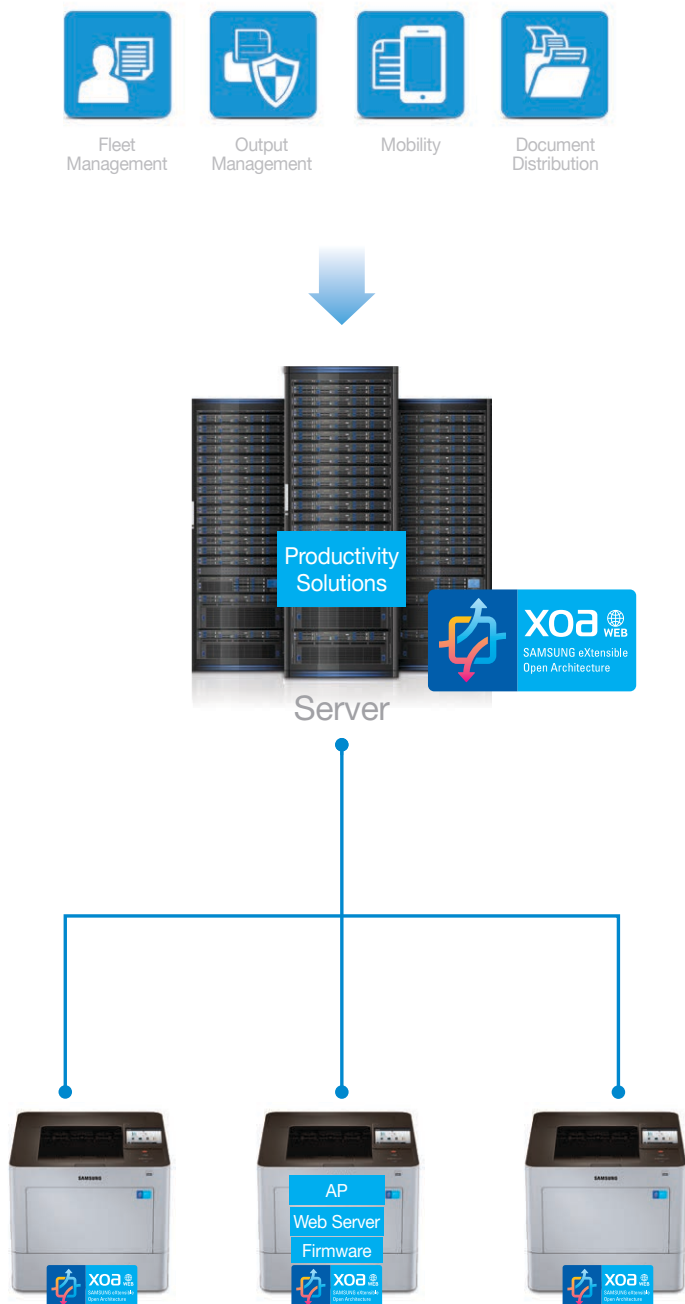
Specialized, seamless, secure solutions.

Seamless Manageability with a Secure Platform

The eXtensible Open Architecture (XOA) web platform supports an array of server-based productivity solutions to meet specific business needs. Without the need for complicated hardware specifications, your business can seamlessly run custom or independent software vendor (ISV) solutions on this web-based platform for peak business performance.

Create a Customized and Cost-Efficient Printing Environment

Samsung Business Core™ Printing Solutions (BCPS) is a software suite that runs on the XOA-Embedded platform and was created for small to medium-sized businesses to improve workplace efficiency. With custom workflows, secure print release and cloud printing, IT managers can easily implement the kind of print and document management solutions typically seen in the enterprise. These essential printing solutions include:



Up to five Samsung Printers or MFPs enabled with XOA-Web can run the BCPS software suite off of a single XOA-Embedded device.

Customize your SFP with a flexible print solution.

Configurable devices for optimized performance.

With its unique configuration capabilities, the ProXpress M4530 series can meet the needs of business of any size or industry. Options include a wireless and NFC adapter, extra paper cassettes, expandable memory and a stand.

CONFIGURATIONS AND OPTIONS

4.3" Touch Screen Panel
M4530NX



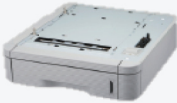
4-line LCD + Numeric Keypad
M4530ND



2 GB Memory (DDR)
Model # SL-MEM001



Optional Paper Tray
(550 sheets, Supports up to 4 EA)
Model # SL-SCF4500



Wireless and NFC Option

• IEEE 802.11 b/g/n
• NFC (Active Type)
Model # SL-NWE001X

320 GB HDD (M4530ND only)
Model # SL-HDK4001



Short Stand
Model # SL-DSK001S





Supplies	
Imaging Unit	(MLT-R304) 100,000 Pages
Standard Toner	(MLT-D304S) 7,000 Page Yield
High Yield Toner	(MLT-D304L) 20,000 Page Yield
Extra-High Yield Toner	(MLT-D304E) 40,000 Page Yield

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Specifications		M4530NX	M4530ND
Overview		Monochrome Laser Single Function Printer	
Value Added Features		Eco Mode, Extra High Yield Toner, XOA Web, 4.3" Touchscreen, ReCP Technology, 320GB HDD Standard	Eco Mode, Extra High Yield Toner, XOA Web, ReCP Technology, Built in Pin Pad
Mobility		Google Cloud Print, Apple AirPrint, Samsung Mobile Print, PrinterOn, NFC Tap and Print, Wireless Adapter (optional)	
Noise Level		Less than 54 dBA (Printing) / Less than 30 dBA (Standby)	
Print			
Engine Speed		Up to 47 ppm in Letter	
Resolution		Up to 1,200 x 1,200 dpi	
First Print Out Time		< 6.5 seconds	
Duplex		Automatic	
Emulation		PCL5e / PCL6 / PostScript3 / PDF Direct V1.7 / XPS / TIFF / URF / PWG	
Paper Handling			
Input Capacity		550-Sheet Cassette, 100 Sheet MP Tray, Up to 3 Extra 550 Sheet Cassettes (Maximum 2,300 Sheets)	
Output Capacity		500 Sheets Face Down	
Media Size		3" x 5" ~ 8.5" x 14"	
Media Types		Plain, Thin, Thick, Recycled, Pre-Printed, Punched, Letterhead	
Media Weight		16 - 58 lb.	
General			
Processor		Dual Core 1 GHz	
Memory		1GB (2GB Maximum with Expansion)	512MB (2GB Maximum with Expansion)
OS Compatibility		Windows (32/64 bit) XP/2003/Vista/2008/7/8/2008 R2, Mac OS X 10.5~10.9, Various Linux, Various Unix, CITRIX Presentation Server, Windows Terminal Services	
Interface		Hi-Speed USB 2.0, Ethernet 10/100/1000 Base TX, Wireless(IEEE 802.11b/g/n) and Active NFC Option (NWE001X)	
User Interface		4.3" LCD Touchscreen	4 Line LCD Display
Monthly Duty Cycle		200,000 Pages per Month	
Noise Level		<54 dBA While Printing	
Power Consumption		850W Printing, 16W Ready, 1.5W Sleep, 0.45W Power Off, 2.45 kWh TEC	
Unit Dimension (W x D x H)		17" x 18.1" x 14.5"	
Box Dimensions (W x D x H)		22.2" x 22.8" x 23.8"	
Unit Weight		48.5 lbs.	
Box Weight		60.2 lbs.	
Consumables			
Toner System		Two Piece Toner System	
Toner	Starter Toner	Full Starter Toner 7,000 Page Yield*	
	Toner Models and Yields	Standard Yield 7,000 Page Yield (MLT-D304S)*	
	Drum Kit	High Yield 20,000 Page Yield (MLT-D304L)*	
	Toner Metric	Extra High 40,000 Page Yield (MLT-D304E)*	
Options			
Second Cassette Tray		SL-SCF4500 - 550 Sheets (Up to 4)	
Stand		SL-DSK001S	
Memory Upgrade		SL-MEM001 (1 GB)	
Wireless LAN		SL-NWE001X (Wireless + NFC)	
Hard Drive		Standard (Built In)	SL-HDK4001 (320 GB)
What's in the Box?		Power Cord, Full Standard Yield Toner and Drum, Driver / Software CD with Digital User Manual, Warranty Card, Quick Installation Guide, Hi-Speed 2.0 USB Cable	

*Declared Cartridge Yield in Accordance with ISO/IEC 19752

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For complete product information and accessories, visit samsung.com/business or samsung.com/b2bprinters

Product Support: 1-800-SAMSUNG or 1-866-SAM4BIZ | Follow Us: [youtube.com/samsungbizusa](https://www.youtube.com/samsungbizusa) | [@SamsungBizUSA](https://twitter.com/SamsungBizUSA)



Samsung Electronics has been named 2014 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).

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Samsung ProXpress M4530ND



Product: Samsung ProXpress M4530ND

PRE: EPEAT, Inc.

Country: United States

Product Type: Printer

Manufacturer: Samsung Electronics

URL:

Rating:



Registration Date: 1/30/2015

Product Status: ■ Active

Exceptions:

Manufacturer Part #:

UPC:

EAN:

Consumer or Institutional: Consumer

EPEAT

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ENERGY STAR Certified Imaging Equipment

Product Details: Samsung - ProXpress M4530ND

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Specifications

Additional Model Information

Type🔍:	Printers
Marking Technology🔍:	Electro-photographic (EP)
Color Capability🔍:	Monochrome
Print Speed (ipm or mppm)🔍:	47
Page Format Size🔍:	Standard
Typical Electricity Consumption (TEC) (kWh/wk)🔍:	2.6
Print/Copy Time from Ready State (s)🔍:	10.2
Print/Copy Time from Sleep Mode (s)🔍:	16.2
Print/Copy Time from Previous Job (s)🔍:	13.2
Markets🔍:	United States, Canada

User's Guide

Samsung Printer **ProXpress**

M453x series

BASIC

This guide provides information concerning installation, basic operation and troubleshooting on Windows.

ADVANCED

This guide provides information about installation, advanced configuration, operation and troubleshooting on various OS environments.

Some features may not be available depending on models or countries.

System Setup/ Setup



Some menus may not appear in the display depending on options or models. If so, it is not applicable to your machine (see "Menu overview" on page 26).

To change the menu options:

- Press **Menu** () > **System Setup** on the control panel.
- For the model with a touch screen, select  (**Setup**) > **System** or **Tray Behavior** on the touch screen.

Item	Description
Date & Time	Sets the date and time.
Date Format	Sets the date format.
Clock Mode	Selects the format for displaying time between 12 hours and 24 hours.
MSD Spooling	When enabled, this feature spools print jobs sent from the network on the mass storage device (Hard Disk) of the machine.
Language	Sets the language of the text that appears on the control panel display.
Default Paper Default Paper Size	You can set the default paper size to use.

Energy Saving Mode

Item	Description
Power Save	Sets how long the machine waits before going to power save mode. When the machine does not receive data for an extended period of time, power consumption is automatically lowered.
Wakeup Event	When this option is On, you can wake up the machine from the power saving mode with the following actions: - Loading paper in a tray. - Opening or closing the front cover. - Pulling a tray out or pushing a tray in.
Job Timeout	When there is no input for a certain period of time, the machine cancels the current job. You can set the amount of time the machine will wait before canceling the job.
Held Job Timeout	You can set the time to hold the temporarily stopped job.
Altitude Adjustment	Optimize print quality according to the machine's altitude ("Altitude adjustment" on page 205).
Humidity	Optimizes print quality according to the humidity in the environment.



Voluntary Product Accessibility Template

Accessibility

Date: February 1, 2015

Product Name: Samsung Monochrome Laser Printer

Product Version Number: M4530ND

Vendor Company Name: Samsung Electronics America, Inc.

Vendor Contact Name: Wendy Crowe

Vendor Contact Telephone: 859-685-7806

APPENDIX A: Suggested Language Guide

Summary Table
Voluntary Product Accessibility Template

Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Supports with Exceptions	Limitations pertain to the lack of support for Assistive Technology in some cases.
Section 1194.22 Web-based internet information and applications	Supports with Exceptions	Not all information provided by the script is identified via functional text.
Section 1194.23 Telecommunications Products	Not Applicable	This product is not a Telecommunications Product.
Section 1194.24 Video and Multi-media Products	Not Applicable	This product is not a Video or Multimedia Product.
Section 1194.25 Self-Contained, Closed Products	Supports with Exceptions	Limitations exist with respect to some controls.
Section 1194.26 Desktop and Portable Computers	Not Applicable	This product is not a Desktop or Portable Computer.
Section 1194.31 Functional Performance Criteria	Supports with Exceptions	Some exceptions are related to the lack of support for Assistive Technology, and some pertain to functional text and controls.