

**SAMSUNG**

# smartproXpress

Real Performance,  
Real Savings

Multifunction  
M4580 Series



**SMART PRINTING.**  
BUSINESS INNOVATION.

# BUSINESS-READY PERFORMANCE AND SAVINGS WITHOUT COMPROMISE

## Overview

Optimize printing for all your business needs. Today's businesses are printing more. But managing the costs and productivity demands of higher-volume printing is a constant concern. So businesses need smart, cost-efficient printing solutions that drive performance while improving efficiency.

SMART ProXpress M4580 series offers cost-competitive printing. Its generous toner capacity enables more prints for the money with fewer cartridge replacements. Plus, smartphone-like usability and high-powered processing support faster, more efficient business performance for enterprises of all sizes.

## Key benefits

### Print and scan with superior speed and quality

- Accelerate business with a 1 GHz dual-core CPU
- Produce scans faster with DSDF
- Sharpen your text and images with ReCP technology
- XOA-E support for better productivity

### Minimize printing costs with high-yield consumables

- Lower expenses with higher-capacity toner (40K) and drum (100K)

### Work smarter with an intuitive Smart UX Center

- Touch to print, just like on a tablet
- Enjoy preloaded applications and widgets
- Do more with productivity-boosting features

Touch-and-slide UI on 10.1" colour touchscreen

NFC Pro function is available with a wireless/NFC kit (option)



# PRINT AND SCAN WITH SUPERIOR SPEED AND QUALITY

## Accelerate business with a 1 GHz dual-core CPU

Your time is valuable. That's why we've cut the wait for printouts with a 1 GHz dual-core CPU, delivering prints at an impressive 45 pages per minute. Work performance is faster, smoother and more efficient—the way it should be.



## Produce scans faster with DSDF

Handle document scans with speed and control just like the professionals. With Samsung DSDF technology, scans are as quick as 60 duplex images a minute, giving you ultra-fast, hassle-free print production right in your hands.

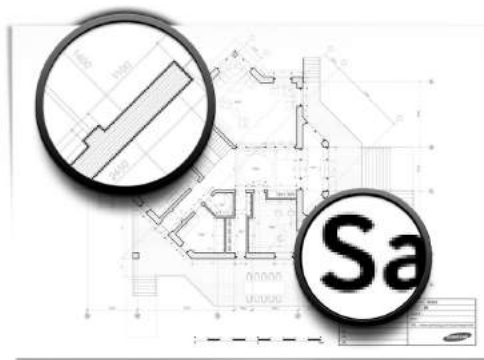
High-speed dual scan  
Up to 60 ipm



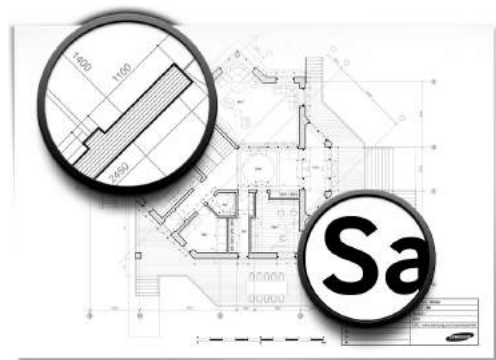
## Sharpen your text and images with ReCP technology

What do your prints say about your business? Samsung Rendering Engine for Clean Pages (ReCP) puts your business in the best light with brilliant, professional-caliber prints. Sharp edges and clean, thin lines improve readability and imagery so your message comes across perfectly clear.

Conventional

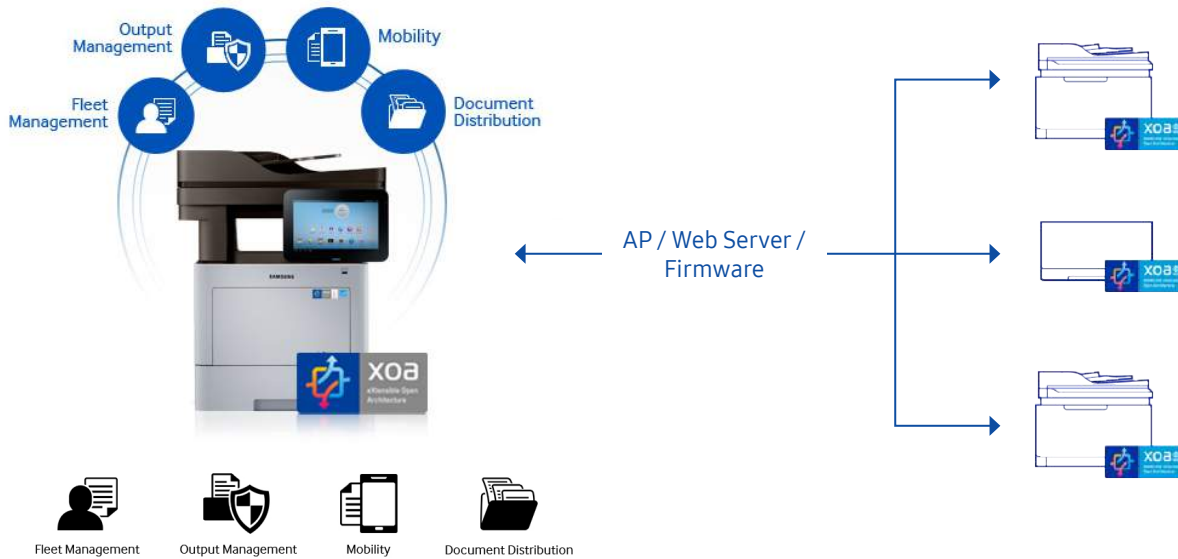


Samsung



## XOA-E support for better productivity

The XOA-E platform supports Samsung in-house solutions and ISV solutions for all your business requirements. Enjoy access to a variety of Samsung in-house solutions and secure in-house print operations—all without a server—and manage devices conveniently. XOA-E makes it possible to boost productivity and efficiency at the same time.



## MINIMIZE PRINTING COSTS WITH HIGH-YIELD CONSUMABLES

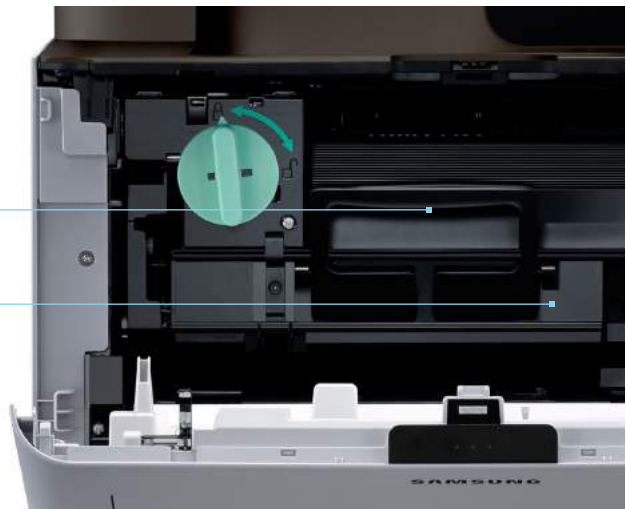
### Lower expenses with higher-capacity toner and drum

Get the most out of your resources with ultra-high-yield consumables. A 40,000-page toner and 100,000-page drum capacity sustain your heavy printing for longer, with fewer replacements and lower costs.



**Toner Capacity**  
(Max 40,000 pages)

**Drum Capacity**  
(Max 100,000 pages)

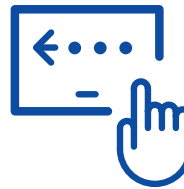


# WORK SMARTER WITH AN INTUITIVE SMART UX CENTER



## Touch to print, just like on a tablet

Innovation and usability come standard with the M4580. Powered by the Samsung Smart UX Center, the industry first open UX system powered by Android™, M4580 offers intuitive, extendible performance and compatibility with various Android apps and devices.



## Enjoy preloaded applications and widgets

It's all about convenience and flow. Drag and configure widgets on your home screen for one-tap access to frequently used functions. And enjoy instant access right out of the box to preloaded applications such as Copy, Scan/Send, Box, Job Status and others.



## Do more with productivity-boosting features

Easily set up printers by downloading essential app the Printing App Center. Productivity tools include Fax, Dynamic Workflow with Smart Scan, with mor added. <http://printingapps.samsung.com>



Awarded for Smart UX Center's Unique and Innovative Possibilities



# SAMSUNG MULTIFUNCTION PRINTER

## smartproXpress M4580 Series

### Specifications

General	M4580FX	M4583FX
Standard Functions	Print, Copy, Scan, Fax	
Processor	1 GHz (Dual Core)	
Operational Panel	10.1" Colour Touch Screen Panel	
Memory (Standard)	4 GB (2GB for Android OS)	
Memory (Maximum)	4 GB (2GB for Android OS)	
Hard Disk Drive	320 GB (User Available Space : 279 GB)	
Interface (Standard)	USB Device, USB Host x 2, Ethernet 10/100/1000 Base TX	
Interface (Optional)	IEEE 802.11 b/g/n (NFC Active Type)	
Warm-up Time (From Power On)	25 sec	
Warm-up Time (From Sleep)	23 sec	
Power Requirements	AC 220 - 240 V, 50 / 60 Hz, AC 110 - 127 V, 50 / 60 Hz (Not dual voltage, power supply varies by country)	
Power Consumption	900 W (Printing), 900 W (Copying), 30 W (Ready), 1.8 W (Sleep), 2.90 kWh (TEC)	
Noise Level	Less than 54 dBA (Printing), Less than 56 dBA (Copying), Less than 30 dBA (Ready)	
Dimensions (WxDxH)	530 x 459.5 x 649 mm (20.9" x 18.1" x 25.5")	
Weight (SET Only / SET with Supplies)	Set Only : 30.2 kg (66.6 lb) Set with Supplies : 32 kg (70.6 lb)	
Maximum Monthly Duty Cycle	200,000 pages	
Recommended Monthly Print Volume	2,000 - 15,000 pages	
Security	SSL/TLS, IPv6, IPsec, SNMPv3, IEEE 802.1x, Kerberos, SMB, LDAP, Protocol&Port Management, IP/MAC Filtering, HDD Overwrite, HDD Encryption, Common Criteria Certification (ISO 15408), Audit Log, Access Control	
Client OS Support	Windows : XP (32/64 bit), 2003 Server (32/64 bit), Vista (32/64 bit), 2008 Server (32/64 bit), Windows 7 (32/64 bit), 2008 Server R2 (64 bit), Windows 8 (32/64 bit), Windows 8.1 (32/64 bit), Windows Server 2012 (64 bit), Windows Server 2012 R2 (64 bit), Windows 10 (32/64 bit) Linux : RedHat Enterprise Linux 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, 13.1, Ubuntu 10.04, 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 10.5 - 10.11	
Network Protocols	TCP/IPv4, IPv6, DHCP, BOOTP, AutolP, DNS, DDNS, WINS, Standard TCP/IP, LPR/LPD, IPP, ThinPrint, Google Cloud Print, AirPrint, WSD print, FTP print, HTTP, SNMP (v1/2c/3), Telnet, SLP, Bonjour, UPnP (SSDP), WSD Discovery, SMTP, FTP, I-Fax (T.37), LDAP, SMB, Kerberos	

Print	M4580FX	M4583FX
Speed (Mono)	Up to 45 ppm in A4 (47 ppm in Letter)	
First Print Out Time (Mono)	As fast as 6.5 sec	
Resolution	Up to 1,200 x 1,200 dpi Effective Output	
Print Languages	PCL5, PCL6, PS3, PDF V1.7	
Duplex Print	Built-in	
Direct Print Support	JPEG, PDF, PRN, TIFF, XPS	
Print Features	WSD Print, Secure Print, Stored Print, Booklet Print, N-up, Cover Page Print, Barcode Print, Eco Print, Skip Blank Pages, Poster Print, Watermark, Tray Priority Settings, Auto Tray Switching, Tray Protection, Direct Print from USB, Secure PDF Print	
Mobile Print Features	Apple AirPrint, Mopria-certified, Google Cloud Print, Samsung Cloud Print, PrinterOn Cloud Print, Samsung Mobile Print, Samsung Print Plugin	

Copy	M4580FX	M4583FX
Speed (Mono)	Up to 45 cpm in A4 (47 cpm in Letter)	
First Copy Out Time (Mono)	As fast as 6.5 sec	
Resolution	Up to 600 x 600 dpi Effective Output	
Reduce / Enlarge Range	25 - 400 %	
Multi Copy	9,999 pages	
Duplex Copy	Built-in	
Copy Features	ID Copy, N-Up, Booklet, Image Repeat, Auto Fit, Book Copy, Poster Copy, Watermark, Overlay, Stamp, Covers, Build Job, Preview, Edge Erase, Image Shift, Background Adjustment, Preview, Program, Proof Copy, Mixed Size Original, Copy to Edge	

Scan	M4580FX	M4583FX
Scan Speed (Mono)	Simplex 35 ipm (300 dpi), Duplex 60 ipm (300 dpi)	
Scan Speed (Colour)	Simplex 35 ipm (300 dpi), Duplex 60 ipm (300 dpi)	
Compatibility	Windows : TWAIN, ISIS Mac : TWAIN, ICDM Linux : SANE	
Method	Colour CIS	
File Format	PDF, Searchable PDF, Compact PDF/ PDF Encryption, Digital Signature in PDF, PDF/A, TIFF, XPS, JPEG	
Resolution (Optical)	Up to 1,200 x 1,200 dpi	
Resolution (Enhanced)	Up to 4,800 x 4,800 dpi	
Scan Destinations	Email, FTP, SMB, BOX, USB, WSD, PC, I-Fax	
Scan Document Weight	60 - 120 g/m <sup>2</sup>	



Fax	M4580FX	M4583FX
Compatibility	ITU-T G3, Super G3	
Modem Speed	33.6 kbps	
Resolution	Up to 600 x 600 dpi	
Compression Method	MH, MR, MMR, JBIG	
Memory	HDD (Shared)	
Auto Dial	Yes	
Fax Features	Speed Dial, Group Dial, ECM, Caller ID, Auto Redial, On Hook Dial, Delay Send, Multi Send, Background Adjustment, Job Build, Quick Start, Preview, Secure Reception, Forwarding to Fax/Email/SMB/FTP/Box, etc.	

Paper Handling	M4580FX	M4583FX
Input Capacity (Cassette)	550 sheets	
Input Capacity (Multipurpose Tray)	100 sheets	
Input Capacity (Maximum)	2,300 sheets (Standard 650 sheets + Optional 550-sheet Second Cassette Feeder x 3)	
Media Type (Cassette)	Plain, Thin, Thick, Cotton, Coloured, Pre-Printed, Recycled, Bond, Archive, Letterhead, Hole Punched, Cardstock, Envelope, Label	
Media Type (Multipurpose Tray)	Plain, Thin, Thick, Thicker, Cotton, Coloured, Pre-Printed, Recycled, Bond, Archive, Letterhead, Hole Punched, Cardstock, Envelope, Label	
Media Size (Cassette)	A4, A5, A6, B5(JIS), B5(ISO), Legal, Letter, Executive, Statement, Oficio, Folio, Envelope Monarch, Envelope DL, Envelope C5, Envelope C6, Envelope No. 10, Envelope No. 9, Postcard, Custom (98 x 148 mm - 216 x 356 mm (3.86" x 5.85" - 8.5" x 14"))	
Media Size (Multipurpose Tray)	A4, A5, A6, B5(JIS), B5(ISO), Legal, Letter, Executive, Statement, Oficio, Folio, Envelope Monarch, Envelope DL, Envelope C5, Envelope C6, Envelope No. 10, Envelope No. 9, Postcard, Index Card 3x5, Custom (76 x 127 mm - 216 x 356 mm (3" x 5" - 8.5" x 14"))	
Media Weights (Cassette)	60 - 163 g/m <sup>2</sup>	
Media Weights (Multipurpose Tray)	60 - 220 g/m <sup>2</sup>	
ADF Type	DADF	
ADF Document Capacity	50 sheets	
Output Capacity	500 sheets	

Supplies	M4580FX	M4583FX
Toner (Black)	MLT-D303E (40,000 pages) *Declared Yield Value in accordance with ISO/IEC 19752 *Ships with initial toner cartridges yield 7,000 pages	MLT-D304S (7,000 pages) MLT-D304L (20,000 pages) MLT-D304E (40,000 pages) *Declared Yield Value in accordance with ISO/IEC 19752 *Ships with initial toner cartridges yield 7,000 pages
Imaging Unit/Drum (Black)	MLT-R303 (100,000 pages) *based on simplex 3 average letter/A4-size pages per job	MLT-R304 (100,000 pages) *based on simplex 3 average letter/A4-size pages per job

## Options

Second Cassette Tray	SL-SCF4500
Capacity	550 sheets
Media Sizes	A4, A5(SCF), B5(JIS), B5(ISO), Legal, Letter, Executive, Statement, Oficio, Folio, Envelope DL, Envelope C5, Envelope No. 10, Envelope No. 9, Custom (98 x 210 mm - 216 x 356 mm (3.86" x 8.27" - 8.5" x 14"))
Media types	Plain, Thin, Thick, Cotton, Coloured, Pre-Printed, Recycled, Bond, Archive, Letterhead, Hole Punched, CardStock, Envelope, Label
Media weight	60 - 163 g/m <sup>2</sup>
Sensing	H/W Install Detect, Paper Empty Detect, Paper Low Level Detect, Paper Size Detect
Dimensions (WxDxH)	433 x 459.3 x 145.8 mm (17" x 18" x 5.7")
Weight	9.8 kg (21.6 lb)

Short Stand	SL-DSK001S
Dimensions (WxDxH)	480 x 553 x 120 mm (18.9" x 21.8" x 4.7")
Weight	13.3 kg (29.3 lb)

# CUSTOMIZE YOUR MFP WITH FLEXIBLE OPTIONS

## Configurations & Options

Optional

**Wireless LAN/NFC Kit**  
(SL-NWE001X)




10.1" Colour Touchscreen Panel

USB Port

**Short Stand**  
(SL-DSK001S)



**Second Cassette Tray**  
(SL-SCF4500)



**GENUINE  
SAMSUNG SUPPLIES**

**Real Savings, Certified Eco-Technology.**

Always make the right impression by using genuine Samsung supplies.



www.tuv.com  
ID 1111209788

For more information about genuine Samsung supplies, visit [www.samsung.com/GenuineSupplies](http://www.samsung.com/GenuineSupplies)



**SAMSUNG**

### About Samsung Electronics Co., Ltd.

Copyright © 2016 Samsung Electronics Canada Inc. All rights reserved. Samsung, Business Pro Printing Solutions™, SecuThru, SmarThru and are either trademarks or registered trademarks of Samsung Electronics Co., Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Android is a trademark of Google Inc.

Hancom Office is a registered trademark of Hancom Inc.

Microsoft, Excel, Microsoft Office, PowerPoint, Windows and Windows Vista are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Samsung Electronics Canada Inc.  
1-800-749-0205

[www.samsung.com/business](http://www.samsung.com/business)

