Samsung A4 Multifunction

SMART Pro*Xpress*

M4580FX I 4583FX

The New Way of Printing,
Innovated for Smarter Business

Experience SMART printing, just like using a tablet

SMART Touch

- Intuitive usability and extendibility through the Samsung SMART UX Center, based on the Android™ OS and the first of its kind in the printing industry
- Pre-loaded printing apps for more convenient usability.
- Custom widgets for creating, instant one-tap access to frequently used functions.

SMART Use

- Independent functions and extensibility with direct web access through the web browser for quickly printing various web content without a PC.
- Access to more useful features and solutions by downloading them through the Samsung Partner Portal App store*.

SMART Manage

- Personalized UI for each user by arranging and managing the environment through My Page.
- Tracking of individual's usage, control accessibility and more.
- Quick custom app creation directly on the device.
- One-click instant response to different customers by customizing the UI configuration in a minute or less.

Boost productivity with ultra-fast performance

High scan rates

- Best-in-class scanning speeds of up to 35 single-sided images per minute (ipm) and up to 60 double-sided ipm using Dual-Scan ADF technology.

Faster print processing with zero fuss

- Print speeds of up to 45 pages per minute (ppm).
- 1 GHz dual-core CPU provides the power and capacity to swiftly print and copy jobs of virtually any size or complexity.

Sharper-quality print output

- Samsung's Rendering Engine for Clean Page (ReCP) technology for sharp text and clean images.
- 1,200 x 1,200 effective dpi resolution.

Lower TCO with cost-efficient solutions and supplies

Resource savings with low total cost of ownership (TCO) printing

- Toner cartridges that yield up to 40,000 pages.
- Drums that yield 100,000 standard pages.

Customized, cost-efficient Samsung Business Core™ Printing Solutions (BCPS)

- Require no dedicated server and IT resources.
- SecuThru™ Lite 2 enhances document security and reduces costs with user authentication.
- Secure Login Manager guards valuable data and devices against unauthorized use.
- SmarThru® Workflow Lite increases productivity with an automated workflow solution.
- Cloud Connector scans to and prints from the Cloud with easy, secure access.
- Usage Tracker controls printing expenses by easily tracking device usage per user.

XOA eXtensible Open Architecture — For further customization, numerous certified partner solutions are available through the Samsung XOA platform.

Samsung wireless and NFC printing option**

- User authentication enables authorized users to tap and print to a Samsung multifunction printer (MFP) from mobile devices.
- Secure printing releases documents held in a printer's memory with the BCPS and a tap on a mobile device.
- Easy wireless setup with a tap on a mobile device.
- Cloning of standard MFP functions with a tap on a mobile device.

* The app store will be available in the Samsung Partner Portal beginning October 2014.

** The Samsung wireless and NFC printing option will be available beginning October 2014.

THE NEW BUSINESS EXPERIENCE

SAMSUNG. PRINTING INNOVATION.

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Specifications

General Specifications

Speed	M4580FX/M4583FX: 45 ppm
Processor	1 GHz Dual Core
Memory	1 GB DDR3 Memory
Operational Panel	10.1" Color Touchscreen Panel
Interface	Hi-Speed USB 2.0 Device (1EA), Host (2EA), Ethernet 10/100/1000 BaseTX, IEEE 802.11 b/g/n + NFC active (Optional)
Duty Cycle. Monthly	200,000 Images
Dimensions (W x D x H)	530 x 459.5 x 649 mm (20.9" x 18.1" x 25.5")
Weight	30.1 kg
Network Protocols	IP assign (Ethernet speed, DHCP), SWS, SNMP, SNTP, SetIP, SLP, DDNS, mDNS, WINS, LPD / LPR, SMB, FTP, SMTP, UPnP
OS Compatibility	- Windows: XP (32 / 64 bit) / Vista (32 / 64 bit) / 2003 Server (32 / 64 bit) / 2008 Server (32 / 64 bit) / Win7 (32 / 64 bit) / 2008 R2 (64 bit) / Win8 (32 bit / 64 bit) - Linux: RedHat Enterprise Linux WS 4 / 5 / 6 (32 / 64 bit) / Fedora 5 - 15 (32 / 64 bit) / openSUSE 10.2, 10.3, 11.0, 11.1, 11.2, 11.3, 11.4 (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, 10.10, 11.04 (32 / 64 bit) / SUSE Linux Enterprise Desktop 10, 11 (32 / 64 bit) / Debian 4.0, 5.0, 6.0 (32 / 64 bit) -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

Paper Handling

Iutput Capacity & Types	Max 2,300 Sheets @ 75 g/m² (Std 550 + MP 100 + 3 x SCF 550 @ 75 g/m²)
Output Capacity & Types	500 Sheets @ 75 g/m² Face Down
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 / Colored / Archive
Media Weight	Supported Weight: 60 - 163 g/m² (16 - 43 lb), Thin Paper (60 - 70 g/m²) / Plain Paper (70 - 90 g/m²) / Thick Paper (91 - 105 g/m²) / Bond Paper (105 - 120 g/m²) / Cardstock (121 - 163 g/m²)
ADF Document Size	Width: 105 - 216 mm (4.1" - 8.5") Length: 148 - 356 mm (5.8" - 14.0")
ADF Capacity	50 sheets @ 75 gsm

Copy Specification

First Copy Out Time	6.5 sec
Resolution	Up to 1,200 x 1,200 dpi (1,200 x 600 x 2 bit)
Zoom Rate	25% - 400%
Multi Copy	Up to 999
Duplex Copy	[Platen] - 1→1Sided - 1→2Sided (Book / Calendar) [DADF] - 1→1Sided - 1→2Sided (Output: Book / Calendar) - 2→1Sided (Original: Book / Calendar) - 2→2Sided (Original: Book / Calendar / Output: Book / Calendar)
Copy Features	N-Up (2 - 16) / ID Card Copy / Poster Copy / Clone Copy / Booklet / Covers / Transparencies / Book Copy / Save to File

Print Specification

Resolution	- Up to 1,200 x 600 dpi (Optical) - Up to 1,200 x 1,200 dpi Effective Output (1,200 x 600 x 2 bit)
Emulation	PCL5e / PCL6 / PS3 / PDF V1.7
Fonts	- PCL: 111 Scalable Fonts / 1 Bitmap - PostScript 3: 136 Scalable Fonts
Duplex	Built-in
Utilities	Anyweb Print / Easy Printer Manager / Easy Color Manager / Easy Document Creator / Net PC Fax / Direct Printing Utility / Easy Deployment Manager / Easy Eco Driver / Universal Printer Driver / Universal Scan Driver
Solutions	SyncThru Admin 6.0 / SmarThruWorkFlow Lite 1.0 / SecuThru Lite 2.0 / Secure Login Manager

Scanner Specification

Speed	- Simplex: Up to 35 ipm (@ 300 dpi) - Duplex: Up to 60 ipm (@ 300 dpi)
Compatibility	TWAIN / WIA
Scan Size	- Platen / ADF: Max. 216 x 356 mm (8.5" x 14")
Scan File Formats	TIFF / JPEG / PDF / Compact PDF / XPS
Resolution	- Optical: 600 x 600 dpi - Enhanced: 4,800 x 4,800 dpi
Method	3ch Digital CIS Module
Scan to Destination	Scan to Email / FTP / SMB / HDD / USB / Client

Options

SCF: Second Cassette Feeder (SL-SCF4500)

Input Capacity	550 Sheets @ 75 g/m²
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 / Colored / Archive
Media Weight	Supported Weight: 60 - 163 g/m² (16 - 43 lb), Thin Paper (60 - 70 g/m²) / Plain Paper (70 - 90 g/m²) / Thick Paper (91 - 105 g/m²) / Bond Paper (105 - 120 g/m²) / CardStock (121 - 163 g/m²)
Dimensions (W x D x H)	433 x 459.3 x 145.8 mm (17" x 18.1" x 5.7")
Weight	9.8 kg

Short Stand (SL-DSK002S)

Dimensions (W x D x H)	480 x 553 x 120 mm (18.9" x 21.8" x 4.7")
Weight	13.3 kg

Memory (SL-MEM001)

Size	2 GB DDR3

Wireless + NFC (SL-NWE001X)

Wireless LAN	IEEE 802.11 b/g/n
NFC Type	Active Type

Supplies (for M4583FX)

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

Supplies (for M4580FX)

Extra High Yield Toner Cartridge (MLT-D303E)	40,000 Pages
Imaging Unit (MLT-R304)	100,000 Pages

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