Samsung A4 Multifunction

SMART ProXpress

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.

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THE NEW BUSINESS EXPERIENCE

SAMSUNG.
PRINTING INNOVATION.

SAMSUNG

Samsung A4 Multifunction **SMART** Pro*Xpress*
M4580FX I 4583FX

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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Compatible with Windows 7 · Windows 8 Compatible · ENERGY STAR · XOa