Samsung Multifunction

SMART Pro*Xpress*

M4580FX14583FX

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.



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.

[&]quot;The Samsung wireless and NFC printing option will be available beginning October 2014.

Samsung Multifunction **SMART** ProXpress M4580FX 14583FX

Specifications

General Specifications

M4580FX/M4583FX: 45 ppm Speed Processor 1 GHz Dual Core 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 m (20.9" x 18.1" x 25.5") Weight 30.1 kg

IP assign (Ethernet speed, DHCP), SWS, SNMP, SNTP, SetIP, SLP, DDNS, mDNS, WINS, LPD / LPR, SMB, FTP, SMTP, UPnP Network Protocols

WINS, LPD / LPR, \$MB, FTP, \$MTP, UPnP - Windows: XP (32 / 64 bit) / Vista (32 / 64 bit) / 2003 Server (32 / 64 bit) / Vista (32 / 64 bit) / 2003 Server (32 / 64 bit) / 2008 Server (32 / 64 bit) / Win8 (32 bit / 64 bit) / 2008 R2 (64 bit) / Win8 (32 bit / 64 bit) / 2008 R2 (64 bit) / Fedora 5 - 15 (32 / 64 bit) / 5 / 6 (32 / 64 bit) / Fedora 5 - 15 (32 / 64 bit) / 0 penSUSE 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) / Uburth 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) / Debian 4.0, 5.0, 6.0 (32 / 64 bit) / LNIX: Sun Solaris 9, 10,11 (x86, \$PARC) / HP-UX 11.0, 11i v1, 11i v2, 11i v3 (PA-

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

OS Compatibility

Max 2.300 Sheets @ 75 g/m lutput Capacity & Types (Std 550 + MP 100 + 3 x SCF 550 @ 75 g/m²)

Output Capacity & Types 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

500 Sheets @ 75 g/m² Face Down

Media Type Plain Paper / Thin Paper / Bond / Punched / Pre-Printed / Recycled / Envelope / Label / CardStock / Letterhead / Thick / Colored

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) Media Weight

Width: 105 - 216 mm (4.1" - 8.5") Length: 148 - 356 mm (5.8" - 14.0") ADF Document Size

ADF Capacity 50 sheets @ 75 gsm

Copy Specification

Copy Features

First Copy Out Time as fast as 6.5 sec

Resolution Up to 1,200 x 1,200 dpi (1,200 x 600 x 2 bit) 25% - 400%

Zoom Rate Multi Copy Up to 9,999 Duplex Copy

[Platen] - 1→1Sided - 1→2Sided (Book / Calendar) [DADF] - 1→1Sided

(Output: Book / Calendar) 2→1Sided (Original: Book / Calendar) 2→2Sided (Original: Book / Calendar / Output: Book / Calendar)

N-Up (2 - 16) / ID Card Copy / Poster Copy / Clone Copy / Booklet / Covers / Transparencies / Book Copy / Save to File

Print Specification

- 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) Resolution

PCL5e / PCL6 / PS3 / PDF V1.7 Emulation - PCL: 111 Scalable Fonts / 1 Bitmap - PostScript 3: 136 Scalable Fonts Fonts

Duplex

Anyweb Print / Easy Printer Manager / Easy Utilities

Color Manager / Easy Document Creator / Net PC Fax / Direct Printing Utility / Easy Deployment Manager / Easy Eco Driver / Universal Printer Driver / Universal Scan

Supplies (for M4583FX) Standard Yield Toner Cartridge (MLT-D304S)

Extra High Yield Toner Cartridge (MLT-D304E)

Imaging Unit (MLT-R304)

Supplies (for M4580FX)

Extra High Yield Toner Cartridge (MLT-D303E)

Imaging Unit (MLT-R304)

High Yield Toner Cartridge 20,000 Pages (MLT-D304L)

7,000 Pages

40,000 Pages

100,000 Pages

40,000 Pages

SyncThru Admin 6.0 / SmarThruWorkFlow Lite 1.0 / SecuThru Lite 2.0 / Secure Login Solutions

Manager

Scanner Specification

- Simplex: Up to 35 ipm (@ 300 dpi) - Duplex: Up to 60 ipm (@ 300 dpi)

TWAIN / WIA Compatibility

- Platen / ADF: Max. 216 x 356 mm (8.5" x 14")

Scan File Formats TIFF / JPEG / PDF / Compact PDF / XPS - Optical: 600 x 600 dpi - Enhanced: 4,800 x 4,800 dpi Resolution

3ch Digital CIS Module Scan to Email / FTP / SMB / HDD / USB / Client Scan to Destination

Options

Method

SCF: Second Cassette Feeder (SL-SCF4500)

550 Sheets @ 75 g/m² Input Capacity

344 / 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 Size

Plain Paper / Thin Paper / Bond / Punched / Pre-Printed / Recycled / Envelope / Label / CardStock / Letterhead / Thick / Colored Media Type

/ 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") 9.8 kg Weight

Short Stand (SL-DSK001S)

Dimensions (W x D x H) 480 x 553 x 120 mm (18.9" x 21.8" x 4.7") Weiaht

13.3 kg

Memory (SL-MEM001)

2 GB DDR3

Wireless + NFC (SL-NWE001X)

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









