

SAMSUNG

smartproXpress

Real Performance,
Real Savings

Multifunction
M4580FX



SMART PRINTING.
BUSINESS INNOVATION.

BUSINESS-READY PERFORMANCE AND SAVINGS WITHOUT COMPROMISE

Overview

Optimise 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 M4580FX 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

Minimise printing costs with high-yield consumables

- Lower running cost 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

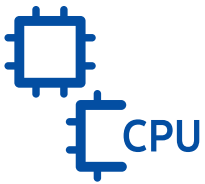
NFC Pro function is available with a wireless/NFC kit (option)



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.



1 GHz Dual-Core CPU
Up to 45 ppm



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.

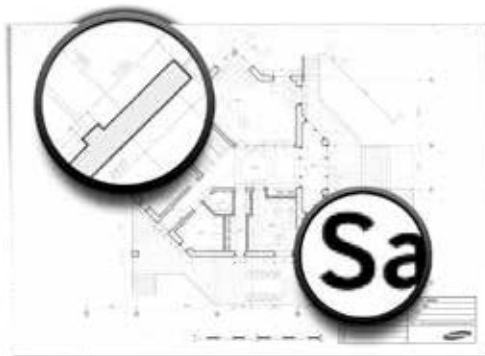
High-speed dual scan
Up to 60 ipm



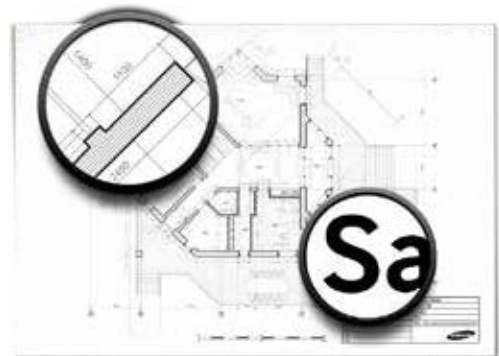
Sharpen your text and images with ReCP technology

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

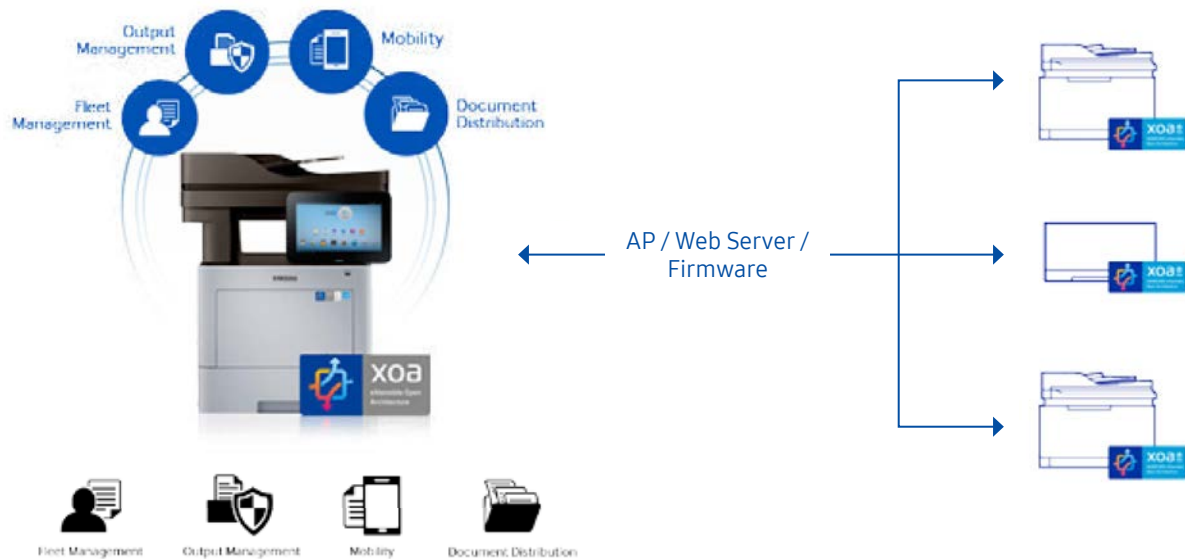


Samsung



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.



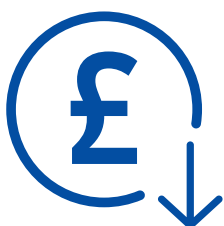
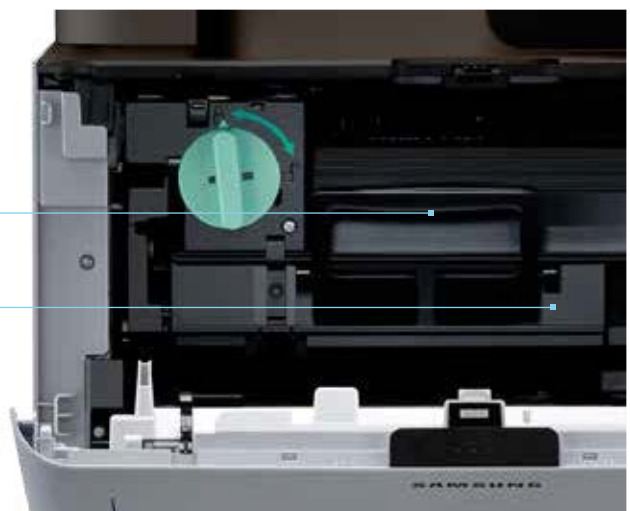
MINIMISE PRINTING COSTS WITH HIGH-YIELD CONSUMABLES

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)

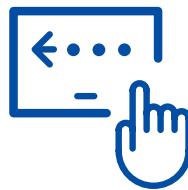


WORK SMARTER WITH AN INTUITIVE SMART UX CENTER



Touch to print, just like on a tablet

Innovation and usability come standard with the M4580FX. Powered by the Samsung Smart UX Center, the industry first open UX system powered by Android™, M4580FX 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 apps from the Printing App Center. Productivity tools include Remote Fax, Dynamic Workflow with Smart Scan, with more to be added. <http://printingapps.samsung.com>



Awarded for Smart UX Center's Unique and Innovative Possibilities



SAMSUNG MULTIFUNCTION PRINTER

smartproXpress M4580 Series

Specifications

| General | M4580FX |
|---------------------------------------|--|
| 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) |
| Dimension (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) |
| Max. 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, AutoIP, 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 |
|-----------------------------|--|
| 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 Feature | Apple AirPrint, Mopria-certified, Google Cloud Print, Samsung Cloud Print, PrinterOn Cloud Print, Samsung Mobile Print, Samsung Print Plugin |

| Copy | M4580FX |
|----------------------------|--|
| 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 |
|-----------------------|--|
| 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 ² |

| Fax | M4580FX |
|--------------------|--|
| 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 Feature | 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 |
|------------------------------------|--|
| 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 ² |
| Media Weights (Multipurpose Tray) | 60 - 220 g/m ² |
| ADF Type | DADF |
| ADF Document Capacity | 50 sheets |
| Output Capacity | 500 sheets |

| Supplies | M4580FX |
|---------------------------|--|
| 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 |
| Imaging Unit/Drum (Black) | MLT-R303 (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 ² |
| Sensing | H/W Install Detect, Paper Empty Detect, Paper Low Level Detect, Paper Size Detect |
| Dimension (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 |
|-------------------|---|
| Dimension (WxDxH) | 480 x 553 x 120 mm (18.9" x 21.8" x 4.7") |
| Weight | 13.3 kg (29.3 lb) |

CUSTOMISE 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)

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