SAMSUNG

proXpress

Multifunction
C2680FX

A versatile MFP that **supports serverless solutions**

SMART PRINTING.
BUSINESS INNOVATION.

HIGH-QUALITY PRINTERS WITH CUSTOMISED SOLUTIONS SUPPORT TO ENHANCE WORKFLOW

Overview

Small to medium businesses and home-based businesses today have the same basic print needs as enterprise-level organisations. They demand multifunction printers (MFPs) that produce high-quality printing, scanning and copying, quickly, easily and cost efficiently. MFPs that have the versatility to support custom-tailored solutions are also increasing in demand.

Samsung's new A4 colour multifunction printer ProXpress C2680FX outputs brilliant professional-quality colour prints, scans, copies and faxes for added convenience. Plus, it's equipped with the versatile Samsung eXtensible Open Architecture-Embedded (XOA-E) platform, which provides flexibility for customised solutions development in the small business environment without the need of a server.

An optimised dual-core 1 GHz CPU ensures enhanced speed and less waiting time for heightened productivity, while a large 7-inch touchpad provides user-friendly operation. Yet what sets it apart economically is the range of cost-efficient and innovative features, such as serverless pull printing, eco-friendly settings and worry-free maintenance, making the C2680FX the smart choice for cost-conscious businesses.

Key benefits

Boost productivity with fast, high-quality prints and scans

- Rapid printing with a 1 GHz dual-core CPU
- Ultra-high scanning speed with DSDF
- Sharp and vivid colour prints every time
- More paper options for professional results

Smart device management with more solutions on a highly sensitive touchscreen

- XOA-E support for better productivity
- Compatible with Business Core™ 2.0
- Ready for PrinterOn
- Intuitive 7-inch capacitive touchscreen

Remain worry-free from security risk, power consumption, and more

- Reduce power consumption with Samsung IFS technology
- Comprehensive security for safer printing
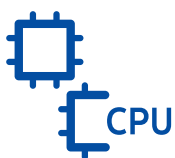- Certified safe toner with high capacity

7" Touchscreen LCD
(Capacitive Type)

BOOST PRODUCTIVITY WITH FAST, HIGH-QUALITY PRINTS AND SCANS

Rapid printing with a 1 GHz dual-core CPU

The ProXpress C2680FX boasts powerful speed and performance with a 1 GHz dual-core processor that's capable of printing up to 26 pages per minute (ppm) to reduce completion time of even the heaviest print and copy jobs.

CPU

1GHz Dual-Core CPU
Up to 26 ppm

Ultra-high scanning speed with DSDF

Optimise processing time and productivity with the built-in Dual-Scan Document Feeder. Copy and scan both sides of a document at the same time, and scan up to 60 images per minute.

Ultra-fast dual scan
Up to 60 ipm

Sharp and vivid colour prints every time

Samsung's unique Rendering Engine for Clean Page (ReCP) technology ensures a perfect printout every time. The ProXpress C2680FX automatically sharpens the focus of graphics and text and overlaps solid objects to eliminate white gaps.

ReCP

More paper options for professional results

Need to print on thicker paper stock for professional quality? The ProXpress C2680FX supports media of up to 220 gsm, as well as numerous labels, cards and envelopes. The efficient multipurpose tray also feeds multiple sheets.

SMART DEVICE MANAGEMENT WITH MORE SOLUTIONS ON A HIGHLY SENSITIVE TOUCHSCREEN

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.

Fleet Management   Output Management   Mobility   Document Distribution

Compatible with Business Core™ 2.0

Business Core™ 2.0 work as efficiently as you do with secure, cost-effective print operations. These solutions require no dedicated server or IT resources and reduces unnecessary printing and supply use.

Ready for PrinterOn

Print securely and efficiently from virtually anywhere. Because Samsung ProXpress C2680FX is ready for PrinterOn, you can easily add other devices.

Intuitive 7-inch capacitive touchscreen

A generous and highly sensitive 7-inch touchscreen provides easy access to preinstalled solutions with a smooth movement along the panel.

REMAIN WORRY-FREE FROM SECURITY RISK, POWER CONSUMPTION, AND MORE

Reduce power consumption with Samsung IFS technology

Energy-efficient Instant Fusing System (IFS) technology shortens warm-up periods before print jobs. It minimises Total Energy Consumption when the device is warming up and operating.

Samsung IFS technology

Lower
Power Consumption

Comprehensive security for safer printing

With its robust security features, the ProXpress C2680FX fortifies the printing environment end to end, safeguarding the MFP, network, data and documents to keep sensitive and critical information safe.

Security
Network / Data / Documents

Certified safe toner with high capacity

Our genuine Samsung toner meets the strict requirements for low levels of contaminants and hazardous substance emissions set by TÜV Rheinland®, a world-renowned independent inspection service provider in Germany. High capacity toner cartridges yield 6K in mono and 3.5K in colour.

TÜVRheinland®
CERTIFIED

SAMSUNG MULTIFUNCTION PRINTER
proXpress C2680FX

Specifications

General	C2680FX
Standard Functions	Print, Copy, Scan, Fax
Processor	1 GHz (Dual Core)
Operational Panel	7" Colour Touch Screen Panel
Memory (Standard)	1 GB
Memory (Maximum)	2 GB
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)	45 sec
Warm-up Time (From Sleep)	30 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	500 W (Printing), 500 W (Copying), 29 W (Ready), 1.6 W (Sleep), 1.6 kWh (TEC)
Noise Level	Less than 54 dBA (Printing), Less than 57 dBA (Copying), Less than 37 dBA (Ready)
Dimension (WxDxH)	530 x 484.2 x 524.3 mm (20.9" x 19.1" x 20.6")
Weight (SET Only / SET with Supplies)	Set Only : 25.4 kg (56 lb) Set with Supplies : 28.2 kg (62.2 lb)
Max. Monthly Duty Cycle	60,000 pages
Recommended Monthly Print Volume	1,000 - 2,500 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	C2680FX
Speed (Mono)	Up to 26 ppm in A4 (27 ppm in Letter)
Speed (Colour)	Up to 26 ppm in A4 (27 ppm in Letter)
First Print Out Time (Mono)	As fast as 14 sec
First Print Out Time (Colour)	As fast as 14 sec
Resolution	Up to 9,600 x 600 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 Page, 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	C2680FX
Speed (Mono)	Up to 26 cpm in A4 (27 cpm in Letter)
Speed (Colour)	Up to 26 cpm in A4 (27 cpm in Letter)
First Copy Out Time (Mono)	As fast as 15 sec
First Copy Out Time (Colour)	As fast as 15 sec
Resolution	600 x 600 dpi
Reduce / Enlarge Range	25 - 400 %
Multi Copy	9,999 pages
Duplex Copy	Built-in
Copy Features	ID Copy, N-Up, Booklet, Auto Fit, Book Copy, Watermark, Overlay, Stamp, Build Job, Edge Erase, Background Adjustment, Program

Scan	C2680FX
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 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 600 x 600 dpi
Resolution (Enhanced)	Up to 4,800 x 4,800 dpi
Scan Destinations	Email, FTP, SMB, BOX, USB, WSD, PC, Samsung Cloud, Shared Folder
Scan Document Weight	60 - 120 g/m²

Fax	C2680FX
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, Job Build, Secure Reception, Forwarding to Fax/Email/SMB/FTP etc.

Paper Handling	C2680FX
Input Capacity (Cassette)	250 sheets
Input Capacity (Multipurpose Tray)	50 sheets
Input Capacity (Maximum)	820 sheets (Standard 300 sheets + Optional 520-sheet Second Cassette Feeder)
Media Type (Cassette)	Plain, Thin, Thick, Thicker, Cotton, Coloured, Pre-Printed, Recycled, Bond, Archive, Letterhead, Hole Punched, Cardstock, Glossy Photo, Envelope, Transparency, Label
Media Type (Multipurpose Tray)	Plain, Thin, Thick, Thicker, Cotton, Coloured, Pre-Printed, Recycled, Bond, Archive, Letterhead, Hole Punched, Cardstock, Glossy Photo, Envelope, Transparency, 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 127 mm - 216 x 356 mm (3.86" x 5" - 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 - 220 g/m^2
Media Weights (Multipurpose Tray)	60 - 220 g/m^2
ADF Type	DSDF
ADF Document Capacity	50 sheets
Output Capacity	150 sheets

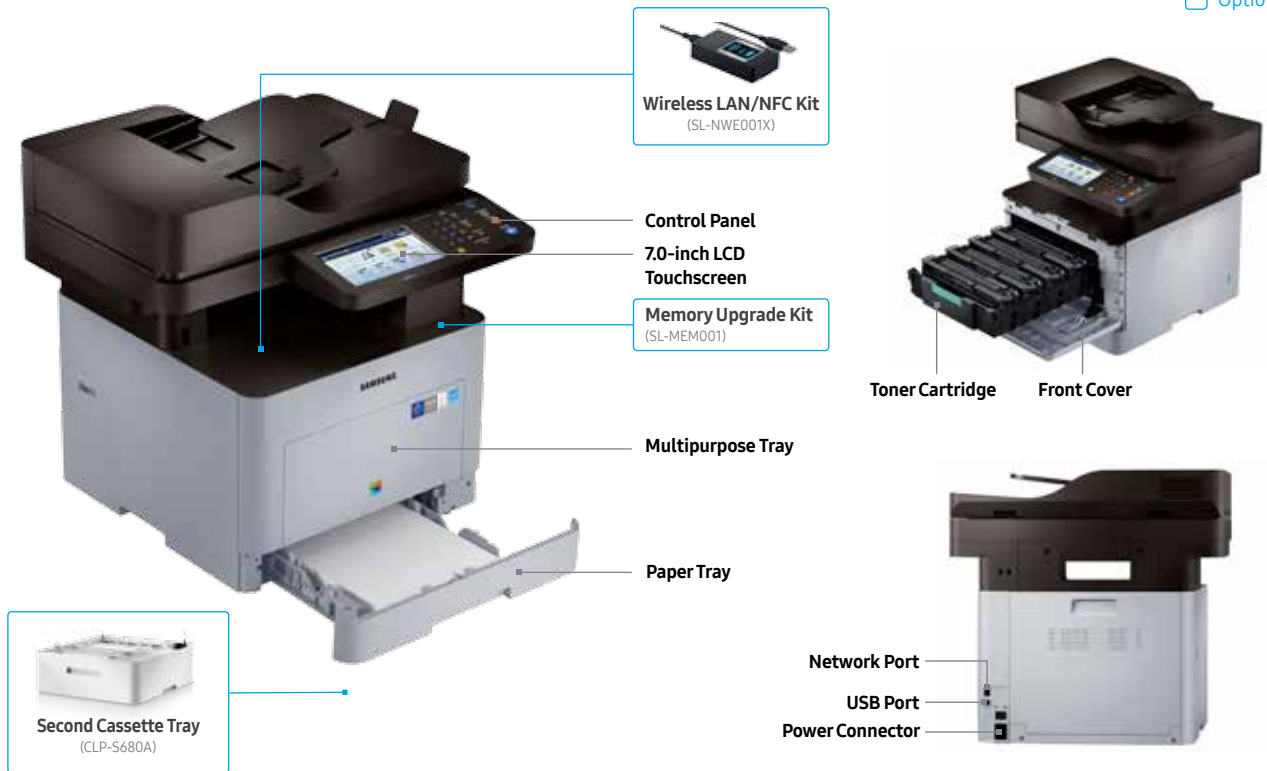| Supplies	C2680FX
Toner (Black)	CLT-K505L (6,000 pages) * Declared Yield Value in accordance with ISO/IEC 19798 * Ships with initial toner cartridges yield 2,000 pages
Toner (Colour)	Yellow Toner : CLT-Y505L (3,500 pages) Magenta Toner : CLT-M505L (3,500 pages) Cyan Toner : CLT-C505L (3,500 pages) * Declared Yield Value in accordance with ISO/IEC 19798 * Ships with initial toner cartridges yield 1,500 pages
Waste Toner Bottle	CLT-W506 (Approx. 20,000 pages (Black), 5,000 pages (Colour))

Options

Second Cassette Tray	CLP-S680A
Capacity	520 sheets
Media Sizes	A4, A5, B5(JIS), B5(ISO), Legal, Letter, Executive, Statement, Oficio, Folio, Custom (98 x 210 mm - 216 x 356 mm (3.86" x 8.3" - 8.5" x 14"))
Media types	Plain, Thin, Thick, Recycled, Bond, Archive, LetterHead, Hole Punched, Cardstock
Media weight	60 - 163 g/m^2
Sensing	H/W Install Detect, Paper Empty Detect
Dimension (WxDxH)	420 x 453 x 147 mm (16.5" x 17.8" x 5.8")
Weight	5.3 kg (11.7 lb)

Memory Upgrade Kit	SL-MEM001
Size	1 GB

CUSTOMISE YOUR MFP WITH
FLEXIBLE OPTIONS

Configurations & Options

☐ Optional

Wireless LAN/NFC Kit
(SL-NWE001X)

Control Panel

7.0-inch LCD Touchscreen

Memory Upgrade Kit
(SL-MEM001)

Multipurpose Tray

Paper Tray

Second Cassette Tray
(CLP-S680A)

Toner Cartridge   **Front Cover**

Network Port

USB Port

Power Connector

GENUINE
SAMSUNG SUPPLIES

Real Savings, Certified Eco-Technology.
Always make the right impression
by using genuine Samsung supplies.

TÜVRheinland®
CERTIFIED
www.tuv.com
ID 0000049075

For more information
about genuine Samsung supplies,
visit www.samsung.com/GenuineSupplies

SAMSUNG

2016. 10

Compatible with Windows®7   **Windows 8 Compatible**   **ENERGY STAR**   **mopria ALLIANCE**