

Print with confidence

SAMSUNG

SCX-8230NA / SCX-8240NA A3 Mono Multifunctional Printers

For Every Business



A4 to A3 · Mono to Colour · MFPs to Printers

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Expand with less effort

The new Samsung MultiXpress SCX-8230NA and SCX-8240NA provide printing, copying, scanning and faxing without sacrificing on quality. Samsung Rendering Engine for Clean Page (ReCP) technology produces professional-grade printouts, enabling employees to focus on the job in hand.

Improve performance with twice the power

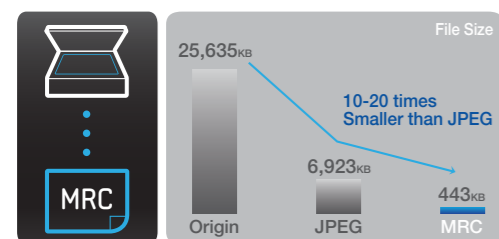
The MultiXpress SCX-8230NA and SCX-8240NA enhance office productivity with faster printing and scanning capabilities, powered by a fully integrated Samsung 1 GHz dual-core processor. Large print and copy jobs are easier to manage, and scanning throughput is increased. The dual-core processor performs printing tasks faster than a conventional processor, enabling employees to focus on core work activities.



Figure 1. Dual core processor boosts speeds

Send scanned files quicker with high compression

The Samsung Mixed Raster Content (MRC) technology compresses scanned files with little reduction in quality. The compressed files save MFP storage space, helping users create and send scanned documents with greater ease and speed.



* MRC (Mixed Raster Content) : extracted text and image for PDF format scan.
* Evaluation from internal test lab.

Figure 2. Example of MRC compression

Reduce energy consumption and costs with higher efficiency and reliability

Enjoy quality printouts

Samsung's unique **ReCP (Rendering Engine for Clean Page)** Technology improves the overall quality and vibrancy of your printing and ensures every printout looks perfect. It automatically sharpens the focus of both graphics and text, while solid objects are overlapped to eliminate white gaps.



Figure 3. Example of ReCP technology

Prevent document fading with polymerized toner

Samsung polymerized toner produces smaller and more uniform particles than conventional toners. Printouts have crisper lines and intense quality. Additionally, the high wax content improves the image glossiness and overall durability.



Figure 4. Example of Samsung polymerized toner

Low power consumption

The combined boards and chips that make up the All-in-One Board help reduce the number of complex parts, decreasing the failure rate. The All-in-One Board assists in controlling overall energy consumption by lowering power requirements. When compared to a conventional board during an internal test, the All-in-One Board helped reduce Typical Electricity Consumption (TEC) by up to 50.1 percent.

Samsung Instant Fusing System (IFS) technology also helps increase printing and copying speed. In addition, IFS reduces energy use, which further aids in controlling operating costs. The combination of the All-In-One Board, IFS and polymerized toner help companies decrease expenditures.



* SCX-8230NA
* Evaluation from internal test lab.

Figure 5. All-in-One Board reduces TEC by up to 50.1 percent.

Less downtime with high monthly duty cycles

The MultiXpress SCX-8230NA and SCX-8240NA have high monthly duty output cycles of 120,000 pages (SCX-8230NA) and 150,000 pages (SCX-8240NA). The MFPs also have a double-chassis structure that is designed for heavy-duty usage.

Reduced downtime for maintenance

Decreased maintenance and installation times help businesses meet deadlines within budget. Toner replacement for the MultiXpress SCX-8230NA and SCX-8240NA printers is designed for ease of use. Fewer steps are required to replace high-frequency service items, such as fusers, rollers and image transfer units (ITUs). Fewer maintenance steps means the device is more readily available when users need it.



Figure 6. Toner cartridges that slide into place

Simplified savings with the touch of a button

Businesses can lower operating expenses with greater ease using our Eco Mode, a cost-saving feature that helps companies reduce paper and power costs. By simply pressing the Eco button on the MFP, users can print more onto every page, with options for 2-up, 4-up and duplex printing.

Based on an internal Samsung test, Samsung MFPs with Eco Mode outperformed on costs compared to conventional MFPs without Eco Mode:



Figure 7. Eco button on the MultiXpress SCX-8230NA / SCX-8240NA

Easy Eco Driver provides users a preview of a document before printing, which helps reduce wasted printouts. While previewing the document, users can modify its format by removing text and images. The user can also adjust the layout (for example, from 1-up to 2-up printing) without changing the original document layout.



Figure 8. Easy Eco Driver preview and adjustments

Designed for ease of use and expandability

With convenient features, such as the large full-colour LCD touch panel, wide media acceptance, and fast UI response rate of 500m sec, workgroups can save time and focus on their work instead of wasting hours on the equipment they use to produce it.

LCD control panel that is one of the largest in its MFP class

The 8.9" colour LCD control panel on the MultiXpress SCX-8230NA and SCX-8240NA MFPs is considered one of the largest in its printer class. The control panel tilts for convenient viewing of the current job status, following prompts during an operation and setting up menus. Also, LED indicators, such as low paper alerts or a ready-for-use indicator, help users more quickly determine the device status.



Configured to grow with a business

The MultiXpress SCX-8230NA and SCX-8240NA are designed to expand with a growing business. The MFPs can be configured based on the needs of the business with a wide range of options:

- Working Tray
- 1,250-sheet Staple Finisher
- 3,250-sheet Booklet Finisher
- Cabinet
- Dual Cassette Feeder
- High Capacity Feeder

Extensive paper handling and finishing capabilities

Workgroup members can finish various types of documents with the optional 1,250 / 3,250 finisher (hole punch and booklet), stapling and folding features. Combined with the optional dual-cassette feeder (DCF) or high-capacity feeder (HCF).

Configurations & Options



Figure 9. Fully customisable MultiXpress SCX-8230NA / SCX-8240NA

Control the device through security and Smart Samsung solutions

Data security is a major concern of businesses today. The Samsung Security Framework is standard on the MultiXpress CLX-9252NA and CLX-9352NA. It increases network protection and helps prevent unauthorized access to confidential information.



Figure 10. Samsung Security Framework offerings

Authenticated user	<ul style="list-style-type: none"> • Authentication • Authorisation • Accounting
Protected network	<ul style="list-style-type: none"> • Secure Socket Layer (SSL)/ Transport layer Security (TLS) • Simple Network Management Protocol (SNMP) v3 • Internet Protocol Security IPSec (Internet Protocol [IP] v4, IPv6) • 802.1x (with Extensible Authentication Protocol [EAP]) • Protocol/port management • IP/Macintosh filtering
Secure document	<ul style="list-style-type: none"> • Secure print • Secure scan • Secure fax • Document tagging (watermark, stamps)
Secure data	<ul style="list-style-type: none"> • Encryption • Hard disk drive image overwrite
Secure management	<ul style="list-style-type: none"> • System logs • System back up • Email notification

XOA (Open Architecture Platform)



Connect the MultiXpress CLX-9252NA and CLX-9352NA MFP to a company's applications through XOA. Based on open standards, XOA enables print solution vendors to create embedded applications that enhance the use of the device's capabilities to help improve business processes. XOA provides:

- Intelligent integration across a wide range of services
- Easier integration and less downtime during installation
- A flexible solution for continuous productivity
- Optimised extensibility and customisation

Smart Samsung solution support

Today's businesses expect much more from their multifunctional printing devices. It is no longer enough for an MFP to be able to just print, copy, scan and fax. In the modern enterprise, MFPs are expected to sit at the heart of business work flows, moving information between electronic and paper processes in a seamless, unified workflow. Our smart Samsung suite of solutions are designed to help meet your daily office requirements:

Device Management



Easy to install and manage, Samsung SyncThru™ Admin manages networked, single and multifunction print devices. SyncThru™ Admin 6 is an award winning fleet management software tool that provides increased efficiency and productivity by allowing users to manage, monitor and diagnose multiple printing devices remotely.

Secure Printing



A network poses the risk of unauthorised access, retained information on the device, and network penetration. Samsung address these threats with features like PIN printing HDD and Data Encryption. Samsung is committed to delivering "Common Criteria" (CC) certified products. CC is a Certification for Secure IT adopted by government and military organisations.

Document Capture



Customers can effectively streamline their document related processes through Samsung's SmarThru™ Workflow. This dramatically improves office work efficiency by capturing hardcopy documents and organising them digitally to ensure delivery to the next stage of a business process or into intelligent archive storage for simplified retrieval whenever necessary.

Billing and Job Accounting



Samsung's Job Accounting feature is designed to provide administrators with in-depth information on printing, scanning, copying and faxing performed by each user on any device. This enables any business to set up individual and group accounts for printing, ensuring that user, device and output activity can be monitored and reported on for any time period.

Set up the MultiXpress SCX-8230NA and SCX-8240NA to expand with changing needs

Organisations can begin with the basic configuration, and options can then be added to increase the productivity and integration as needed. The following table shows the configuration potential to help you optimize on productivity.

Highlights

- A 1 GHz dual core processor to help performance speed
- ReCP technology that aids in improving the print, copy and scan quality
- An 8.9 in. colour touch LCD control panel that offers flexibility
- An enhanced design to help with office efficiency
- High monthly duty print cycles that aid in eliminating downtime
- Eco Mode feature that helps to reduce costs
- The Samsung eXtensible Open Architecture (XOA), which provides functional expansion options
- Standard security features that help keep data safe



	Basic Configuration	Advanced Configuration	Full-Featured Configuration
System Features	Main Unit + Stand	Main Unit + 1,250 Standard Finisher + Dual Cassette Feeder	Main Unit + 3,250 Booklet Finisher + High Capacity Feeder
Max Input Paper Capacity	520 (Cassette) x 2 +100 (Multi-purpose Tray) = 1,140 sheets	520 (Cassette) x 4 +100 (Multi-purpose Tray) = 2,180 sheets	520 (Cassette) x 2 + 2,000 (HCF) + 100 (Multi-purpose Tray) = 3,140 sheets

Options

					
Stand CLX-DSK10T/SEE	Dual Cassette Feeder CLX-PFP000/SEE	High Capacity Feeder CLX-HCF102/SEE	Bridge Kit CLX-BRG200/SEE (MUST be ordered with finishers)	1,250-Sheet Finisher CLX-FIN40S/SEE (MUST order Bridge Kit)	3,250-Sheet Booklet Finisher CLX-FIN40L/SEE (MUST order Bridge Kit)
					
Working Tray CLX-WKT000/SEE	Fax Kit CLX-FAX160/XEU	Dual Line Fax Kit CLX-FAX260/XEU	2/4 Hole Punch Kit CLX-HPU001/XEU	FDI Kit CLX-KIT10F/SEE	Staples 5,000 x 3 SCX-STP000/SEE
					
Job separator SCX-JST000/SEE					

Supplies

		
Black Toner 20k MLT-K607S/ELS 35k MLT-K606S/ELS MultiXpress SCX-8230NA supports only: MLT-K607S/ELS	100k Black Imaging Unit CLT-R607K /SEE	300k Waste Toner Container MLT-W606 /SEE

General Specifications	
Speed (Copy/Print)	SCX-8230NA: 30 ppm / SCX-8240NA: 40 ppm
Functions	Standard: Print, Copy, Scan, Network, Duplex / Optional: Fax
Processor	1GHz (Dual Core)
Memory	1.0GB
Display	8.9" Colour Touch-Panel LCD, 1024 x 600 (WSVGA)
Interface	High-Speed USB 2.0 Host (3-port), Hi-Speed USB 2.0
Warm-up Time	From Power On: Less Than 39sec / From Sleep: Less Than 16sec
Noise Level (Simplex/Duplex)	Copying: 55dBA/57dBA / Printing: 52dBA/54dBA / Ready: 37dBA / Sleep: 27dBA
Storage	320GB (Document Box Space: 154GB)
Max. Monthly Duty Cycle	SCX-8230NA: 120,000 pages / SCX-8240NA: 150,000 pages
Dimension (W x D x H)	677.5 x 763 x 853.6 mm 26.7" x 30.0" x 33.6" (including DADF)
Weight	92.5 Kg (including DADF, Waste Toner Box)
Network Protocols	<ul style="list-style-type: none"> IP Management(DHCP, DHCPv6, BOOTP, AutoIP, SetIP, Static), Discovery Protocol (SLP, UPnP, Bonjour, DNS, WINS), Printing Protocol (TCP/IP(9100), TCP/IP(9100)v6, LPR, LPR6, IPP, WSD), Management Protocol(SNMPv1.2, SNMPv1.2(IPv6), SNMP3, SNMPv3 (IPv6), HTTP, HTTPS, LDAP, LDAPS, SMTP), Scan Protocol(SMTP, SMTPs, FTP, SMB, Twain for Network, WebDav), - Security Protocol(SMB, Kerberos, LDAP, IPsec)
Network Security	SSL/TLS, IP sec, SNMPv3, IPv6, Protocol & Port Management, IP/MAC filtering
OS Compatibility	<ul style="list-style-type: none"> [Windows] - Windows XP(32/64bit) / 2003(32/64bit)/Vista(32/64bit)/ 2008/Win7/2008 R2(64 only) [Mac] - Mac OS 10.5 ~ 10.6 [Linux] - RedHat Enterprise Linux WS 4, 5 (32/64bit) - Fedora Core 2-10 (32/64bit) - SuSE Linux 9.1 (32bit) - OpenSUSE 9.2, 9.3, 10.0, 10.1, 10.2 10.3, 11.0 11.1 (32/64bit) - Mandrake 10.0, 10.1 (32/64bit) - Mandriva 2005, 2006, 2007, 2008, 2009 (32/64bit) - Ubuntu 6.06, 6.10, 7.04, 7.10, 8.04 8.10 (32/64bit) - SuSE Linux Enterprise Desktop 9, 10 (32/64bit) - Debian 3.1, 4.0, 5.0 (32/64bit)
Power Consumption†	Max 1.1kW (Ready: <100W, Low power: <20W, Sleep: <1.5W)
Tec	SCX-8230NA: 1.994kwh / SCX-8240NA: 2.615kwh
Certification	CCC(ISO15408), IEEE P2600-2008, WHQL Compliance
Paper Handling	
Input Capacity & Types	Standard Cassette: 520 sheets (Cassette) x 2 / Multipurpose tray: 100 sheets
Media Types	Cassette: Plain / Thin / Bond / Punched / Pre-Printed / Recycled / Label / CardStock / Letterhead / Thick / Cotton / Coloured / Archive / Glossy / Multipurpose tray: Plain / Thick / Heavy Weight / Extra Heavy Weight 1 / Thin / Cotton / Colour / Preprinted / Recycled / Bond / Archive / Letterhead / Punched / Card Stock / Labels / Envelope / Glossy
Media Size	Cassette: Letter / Legal / Oficio / Folio / A3 / A4 / JIS B5 / ISO B5 / Executive / A5 / Statement / Custom / Multipurpose tray: 98 x 148 mm - 305 x 457 mm (3.87 x 5.8" - 12 x 18")
Media weights	Cassette: 60-175 g/m ² / Multipurpose tray: (Simplex) 60-216 g/m ² (Duplex) 60-175 g/m ² Other Options: (Dual Cassette Tray) 60-175 g/m ² (High Capacity Feeder) 60-175 g/m ²
Output Capacity Types	Standard: 500 (Center Output Tray) / Max: 3,250 (Booklet Finisher, option)
ADF Type	DADF
ADF Capacity	100 Sheets
ADF Document Size	A3, A4, A4 SEF, A5, A5 SEF, B4, B5, B5 SEF
ADF Document Weight	Simplex: 42-128 gsm / Duplex: 50-128 gsm

Copy Specifications	
First Copy Out Time	SCX-8230NA: Less than 7.0 seconds / SCX-8240NA: Less than 5.5 seconds
Resolution	600 x 600 dpi
Zoom Rate	25% - 400%
Multi Copy	9,999 Pages
Duplex Cop	Built-in
Copy Features	ID Copy, Clone Copy, N-UP Copy, Poster Copy
Other Copier Features	Original Type: Text, Text/Photo, Magazine, Photo, Copied Original, Map, Setting: B&W Image Modify: Book Centre Erase, Watermark Copy, Automatic Background Suppression, Time & Date Stamp, ID Stamp
Print Specifications	
First Print Out Time	SCX-8230NA: Less than 9.0 seconds / SCX-8240NA: Less than 8.0 seconds
Resolution	Default 600 x 600 x 2 bit / Up to 600 x 600 x 4 bit
Emulation	PCL5Ce, PCL6C, PostScript Level3, PDF 1.7
Fonts	PCL: Scalable93, OCR-A, OCR-B / Postscript: Scalable136
Duplex (Mono) Simple to Duplex	SCX-8230NA: Up to 30 ppm in A4 / Letter / Up to 15 ppm in A3 / 11X17 SCX-8240NA: Up to 40 ppm in A4 / Letter / Up to 20 ppm in A3 / 11X17
Network Operating System	<ul style="list-style-type: none"> [Windows] - Microsoft™ XP (32/64 bits) / 2003 (32/64 bits) / Vista (32/64 bits) / Win7 / [Mac] - Mac OS 10.5 ~ 10.7 [Linux] - RedHat Enterprise Linux WS 4, 5, 6 (32/64 bit), - Fedora 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 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)
Open Platform	eXtended Open Architecture (XOA)
Scanner Specifications	
Speed (Mono)	45 ipm (300 dpi / A4/Letter)
Colour Mode	Mono / Gray / Colour
Compatibility	Network TWAIN
Method	Colour CCDM-MMT
Scan Document Size	Max.297mm x 432mm (Max. 11.7"x17.0")
Resolution (Optical/Enhanced)	Up to 600 x 600 dpi (Optical) / Up to 4,800 x 4,800 dpi (Enhanced)
Scan to Modes	E-mail, USB, FTP, SMB, HDD, PC
Scan File Formats	Email : TIFF, JPEG, PDF, XPS / PC: TIFF, JPEG, PDF, Compact PDF / FTP/SMB: TIFF, JPEG, PDF, Compact PDF, XPS / HDD(Optional): TIFF, JPEG, PDF, Compact PDF, XPS / USB: TIFF, JPEG, PDF, Compact PDF, XPS
Security Specifications	
Custom	Select to determine the number of times the memory will be overwritten. The hard disk will be overwritten as many times as the number you select.
HDD Encryption Method	This function encrypts the system's hard drive using 256 bits (AES) to protect against data theft.
Secure User	Authentication (Basic, Device, Application), Authorisation, Group / Role based Authorisation
Secure Document	Secure Print, Secure Fax, Document Tagging (Watermark, Stamp) Secure PDF - PDF Encryption Document Tagging of Secure PDF, Digital Signature in PDF, Code Signing, Print Job Encryption
Secure Management	Job Auditing, Job Operation, Security Event Logging, System Log Back Up, Email Notification

Optional Fax Specifications (Standard Fax Kit or Dual Line Fax Kit)	
Modem Speed	33.6 Kbps
Compatibility	ITU-T G3, Super G3
Resolution	Up to 600 x 600 dpi (Mono)
Speed	1.5sec/(A4, LTR) (Std), 4sec/(A4, LTR) (Fine)
Compression Method	MH/MR/MMR/JBIG/ JPEG(Tx only)
Memory	HDD Back-up
Auto Dialing	500 Locations Speed Dial, 500 Group Dial
Fax Functions	Secure Rx, Time Secured Fax, Delay Send, etc
Fax to Modes	Fax to SMB, Fax to Email, Fax to FTP, Fax to Fax, Fax to WebDAV, Fax to Box
Fax Features	Speed Dial, Group, Dial, On-hook Dial, Auto Redial, Caller ID, Secure Reception, Fax forwarding, etc.
Paper Input and Finishing Options	
Dual Cassette Feeder	
Capacity	520 sheets x 2tray @ 20lb (80g/m ²) (Mono / Colour)
Media Size	Letter, Legal, Oficio, Folio, Statement, Ledger, A3, A4, JIS B5, ISO B5, Executive, A5, Custom
Media Type	Plain, Thick, heavy weight, Extra heavy weight 1, Thin, Cotton, Colour, Pre-printed, Recycled, Bond, Archive, Letterhead, CardStock, Label
Media Weights	60-175 g/m ²
Dimension	260 x 628.5 x 670.7mm
Weight	33.3 Kg
High-Capacity Feeder	
Capacity	2000 sheets @ 20lb (80g/m ²)
Media Size	A4, Letter
Media Type	Plain, Thick, heavy weight, Thin, Cotton, Colour, Pre-printed, Recycled, Bond, CardStock
Media Weights	60-175 g/m ²
Dimension	260 x 628.5 x 670.7mm
Weight	26.8 Kg
1250-sheet Standard Finisher	
OutPut Capacity	Tray 1,250 sheet
Media Size	Main: 140 x 216mm - 305 x 457mm (5.5 x 8.5"- 12 x 18") Top: 98 x 148 mm - 305 x 457mm (3.87 x 5.8" - 12 x 18")
Media Type	Main, Top: Plain, Thick, Heavy Weight, Extra Heavy Weight 1, Thin, Cotton, Colour, Preprinted, Recycled, Bond, Archive, Letterhead, Punched, CardStock, Labels, Envelope (Top only), Glossy
Media Weights	Main : 60~216 g/m ² / Top : 56 ~ 216 g/m ²
Staple Paper Weight	60 ~ 216 g/m ²
Dimension	589 x 684 x 610 mm
Weight	30.1 Kg

3250-sheet Booklet Finisher	
OutPut Capacity	Tray 3,250 sheet (Main tray : 3,000 sheet, Top tray : 250 sheet, Booklet tray : 20 set (80g/m ² 15 sheet /set)
Media Size	Main: 140 x 216mm - 305 x 457mm (5.5 x 8.5"- 12 x 18") Top: 98 x 148 mm - 305 x 457 mm (3.87 x 5.8" - 12 x 18") Booklet: 176 x 250 mm - 304.8 x 457mm (6.9 x 9.8" ~ 12 x 18")
Media Type	Main, Top: Plain, Thick, Heavy Weight, Extra Heavy Weight 1, Thin, Cotton, Preprinted, Recycled, Bond, Archive, Letterhead, Punched, CardStock, Labels, Envelope (Top only), Glossy Booklet: Plain / Thick / Heavy Weight / Thin / Cotton / Preprinted / Recycled / Bond / Archive / Letterhead
Media Weights	Main: 60~216g/m ² / Top: 56~216g/m ² / Booklet: 60~120g/m ²
Staple Capacity	Normal: 50 sheets stapling with 80g/m ² sheet, Booklet: 15 sheets stapling (216g/m ² , 1sheet and 80g/m ² 14 sheet)
Staple Positions	Front/Rear Corner staple, Dual staple
Staple Paper Weight	Normal: 60~216g/m ² , Booklet: 60~120g/m ²
Dimension	1132 x 822 x 610mm
Weight	99 Kg
Optional Punch Kit	
Available Unit	Auto change 2/4 hole
Paper weight	60~216g/m ²

† Typical Electricity Consumption (Energy Star Test Method).

* Specifications above are subject to change without prior notice.

Estimated Toner Yields @ 5% coverage.

For best performance & yield, we recommend using genuine Samsung parts & consumables.

To learn more about Samsung Print,
please visit: www.samsung.com/printer

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