SAMSUNG

CLX-8640ND / CLX-8650ND SAMSUNG COLOR LASER MULTIFUNCTION PRINTERS

FASTER, SMARTER AND MORE EFFICIENT BUSINESS.
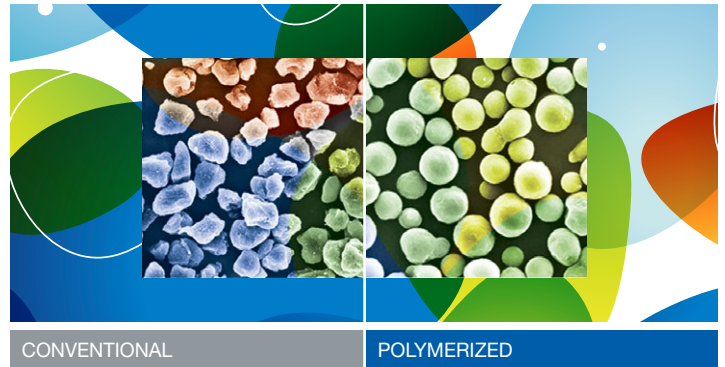
THE NEW
BUSINESS
EXPERIENCE

There are only so many hours in the day. And the Samsung CLX-8640ND and CLX-8650ND color laser MFPs help you and your team get the very most out of each and every one of them. With professional features designed to simplify and increase workflow efficiencies, along with stunning color output, these high-volume, reliable business machines are the expert answers to every workgroup's needs.

Whether your audience is internal or external, it's important to always represent yourself as professionally as possible. Samsung CLX-8640ND and CLX-8650ND MFPs provide advanced features and deliver professional results that allow you to get more productivity from your workday.

Superior Samsung Technology Delivers Sharp, Colorful Prints

Samsung's exclusive Rendering Engine for Clean Page (ReCP) technology automatically sharpens both graphics and text for professional results. Color is trapped precisely for crisp images, and the images are de-screened to look cleaner and more natural.

CONVENTIONAL	RECP	
		Composite Color Reduction
		De-screening
		Edge Enhancement
		Color Trapping

CONVENTIONAL	POLYMERIZED

Superior, Polymerized Toner

Samsung's polymerized toner features smaller and more uniform particles than conventional toner for crisper lines and more vivid colors. Its higher wax content adds a rich glossiness to images while preventing fading. And its lower fusing temperature eliminates paper curling while saving energy.

XOA (eXtensible Open Architecture) Platform

The Samsung CLX-8640ND and CLX-8650ND MFPs connect to your line-of-business applications through the unique eXtensible Open Architecture (XOA) platform. Based on open standards, XOA allows third-party vendors to create embedded applications that multiply MFP capabilities in order to improve business processes.

Powerful Processing

A fully integrated 1GHz Dual Core processor increases office productivity dramatically. Large print and copy jobs are easily handled, as well as scan throughput. Every task is completed up to 1.5 times quicker, so your team can spend more time producing and less time waiting.

High File Compression

Samsung's Mixed Raster Content (MRC) technology significantly compresses scanned files, with no reduction in quality. Smaller file size means you can save storage space, and send scanned files more easily.

The simpler and more intuitive your MFP is to use, the faster even the newest members of your team can work. Every feature of the Samsung CLX-8640ND and CLX-8650ND MFPs is designed for efficient and productive operation.

Samsung MPS, Mobile, Security and Productivity Solutions

Samsung's strategic partnerships allow us to offer simplified, seamless solutions that increase both security and office productivity.

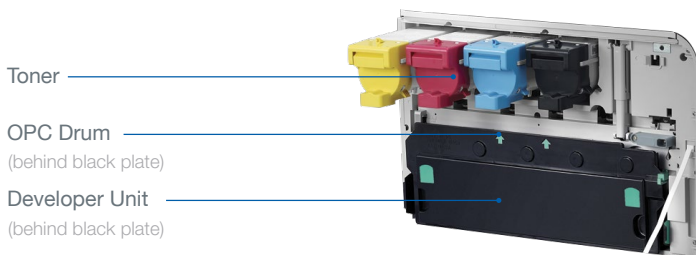| SAMSUNG	INTEGRATED SOLUTION VENDOR			SAMSUNG SOLUTIONS
MPS / FLEET MANAGEMENT	Compass Sales Solutions FMAudit	MWA Intelligence▲ PrintFleet		SyncThru Admin™
OUTPUT MANAGEMENT COST ACCOUNTING	Copitrak Drivve▲ Equitrac▲	Jetmobile▲* PaperCut MF▲ Pharos Systems▲*	Prism Software▲ Ringdale▲*	**BUSINESS CORE™ PRINTING SOLUTIONS** Usage Tracker▲ SecuThru™ Lite 2▲ Cloud Connector▲ Secure Login Manager▲ SmarThru™ Workflow Lite▲
DOCUMENT DISTRIBUTION CONTENT MANAGEMENT	EMC Drivve▲ GoldFax▲	InfoDynamics▲* Intellinetics Notable Solutions, Inc.▲*	Omtool▲* Perceptive Software▲ Prism Software▲	SmarThru™ Workflow 3▲
MOBILE AND CLOUD	Drivve▲	EFI	PrinterOn	Samsung Mobile Print App

*Available mid-2014   ▲XOA Solution

Quick and Easy Setup

Samsung CLX-8640ND and CLX-8650ND MFPs install easily and get to work quickly. Setup is simple and fast with everything you need, including an installed single pass duplexing Automatic Document Feeder (ADF).

Easy, Economical and Exceptional Toner and Drum

Separate toners and OPC drums mean you don't have to change both when only one part wears out. Additionally, OPC drums can be used for any color, so you can keep a smaller inventory on hand. The developer unit provides a yield of 300,000 pages* for even further reduced maintenance.

*Declared cartridge yield value in accordance with ISO/IEC targets.

Toner

OPC Drum
(behind black plate)

Developer Unit
(behind black plate)

Single Pass Duplexing Saves Time

A dual scan document feeder automatically scans both sides of a document at once to scan stacks of documents faster.

Space Saver

Compact, streamlined designs mean the CLX-8640ND and CLX-8650ND MFPs occupy very little floor space. The space-saving 350-sheet 2-bin finisher and internal card reader add utility without adding size.

Intuitive 7" Color Touch Screen

Get up to speed quickly with an intuitive user interface. The large, easy-to-read color touch screen guides users with smooth scrolling. Even first-time users can manage complex jobs quickly and easily.

- User Menu Customization (Create up to 40 Shortcut Icons) Save time with jobs you do regularly.
- Smart Search Find specific functions quickly by entering a keyword.
- Quick Copy Access all of the copy functions at a glance.

Free Samsung Mobile Print App

Lets you print, scan and fax to/from mobile devices. Just connect to your MFP wirelessly and print, scan or fax without the need to install any drivers.*

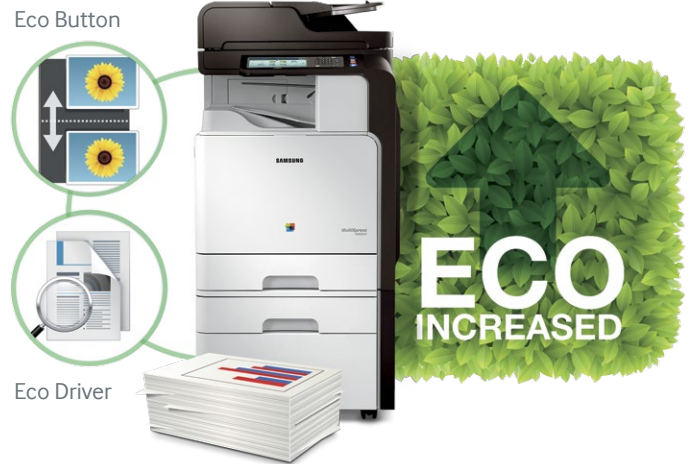*Note: Wireless Access Point (AP) is required

The Samsung Easy Mobile Print App earned the 2012 Outstanding Achievement Award from Buyers Lab, Inc.

Data security is a major concern of businesses today. The Samsung Security Framework is standard on the CLX-8640ND and CLX-8650ND MFPs. It increases network protection and helps prevent unauthorized access to confidential information.

Security is Paramount

To ensure data security, the Samsung Security Framework is standard, and provides a secure network that helps prevent unauthorized access to confidential information.

AUTHENTICATED USER	• Authentication • Authorization • Accounting
PROTECTED NETWORK	• 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 • MAC/IP filtering
SECURE DOCUMENT	• Secure print • Secure scan • Secure fax • Document tagging (watermark, stamps)
SECURE DATA	• Encryption • Hard disk drive image overwrite • Digital signature
SECURE MANAGEMENT	• System logs • System back up • Email notification

Monitor More, Use Less

With Single Sign On, users log in once to access all Samsung solutions. And with Samsung SyncThru™ Admin, your IT department can easily monitor and manage usage.

Eco Button

Eco Driver

ECO INCREASED

Efficiency that Saves Money and Resources

Save paper and energy with the CLX-8640ND and CLX-8650ND MFPs' ECO button. With a single touch, you can print more images on every page, including 2-up, 4-up and duplex printing, which saves paper. Save more paper with automatic blank pages skipping. The Easy Eco Driver also allows you to preview your document before printing, thereby reducing wasted printouts and saving even more paper and toner.

2012 BLI BUYERS LAB OUTSTANDING ACHIEVEMENT

Samsung Eco Driver earned the 2012 Outstanding Achievement Award from Buyers Lab, Inc.

FEATURES AND OPTIONS THAT MATCH YOUR WORKGROUP'S REQUIREMENTS.

Dual Scan Document Feeder (Standard)
• Single pass duplexing ADF
• 100-sheet capacity
• Two-sided document scanning
• Paper empty / width / length detect

Two-Bin Finisher (Option)
• 350-sheet capacity
• Corner stapling up to 50 sheets

Triple Cassette Feeder (Option)
• 1,560-sheet capacity
• Paper empty / size detect

7" Color LCD Touch Panel (Standard)

Fax Kit (Option)
• ITU-T G3, Super G3

Second Cassette Feeder (Option)
• 520-sheet capacity
• Paper empty / size detect

Specifications	CLX-8650ND	CLX-8640ND
Print		
Speed (Mono/Color)	Up to 51 pages per minute (in letter)	Up to 40 pages per minute (in letter)
First Print Out Time (Mono/Color)	Less than 9 seconds / Less than 11 seconds	Less than 9 seconds / Less than 11 seconds
Resolution	Up to 1200 x 1200 dpi	
Emulation	PCL5, PCL6, PostScript, PDF 1.7	
Duplex	Built-in	
Copy		
Speed (Mono/Color)	Up to 51 pages per minute (in letter)	Up to 40 pages per minute (in letter)
First Copy Out Time (Mono/Color)	Less than 9 seconds	Less than 9 seconds
Resolution (Platen / DADF)	600 x 600 dpi / 600 x 300 dpi	
Reduce & Enlarge	25% ~ 400% (Platen Copy), 25% ~ 200% (Single pass duplexing ADF Copy)	
Multi Copy	1~9,999 pages	
Duplex Copy	Built-in	
Copy Features	ID Card copy (Platen only), Auto fit, Book copy (Platen only), Booklet, N-up	
Scan		
Compatibility	TWAIN (N/W)	
Method	Color CCD, Dual Scan	
Resolution (Optical / Enhanced)	Up to 600 x 600 dpi / Up to 4,800 x 4,800 dpi	
Scan to	HDD, Email, FTP, SMB, USB, PC	
Fax		
Compatibility	ITU-T G3, Super G3	
Modem Speed	33.6 Kbps	
Resolution (Mono)	Up to 600 x 600 dpi	
Memory	HDD Back-up	
Fax Feature	Speed Dial, Group Dial, On-hook Dial, Auto Redial, Caller ID, Secure Reception, Fax Forwarding	
Paper Handling		
Input Capacity and Types	Standard: 520-sheet cassette Tray, 100-sheet MP tray / Max: 2,180 sheets	
Output Capacity and Type	500 sheets Face Down	
Media Size	3.85" x 5.83" ~ 8.5" x 35.4"	
Media Type	Plain Paper, Thick Paper, Thin Paper, Bond Paper, Color Paper, CardStock, Labels, Envelope, Preprinted, Letterhead, Recycled Paper, Cotton, Archive	
ADF Document Size	Width: 5.7"~ 8.5" (145 ~ 216 mm) Length: 5.7" ~ 14.0" (145 ~ 356 mm)	
Capacity	100-sheet single pass duplexing ADF	
General Features		
Display	800 x 480 7" WVGA Color Touch Screen	
Interface	Hi-Speed USB 2.0 Host (2 Ports), Hi-Speed USB 2.0 Peripheral (1 Port), Ethernet 10/100/1000 base TX, FDI (Optional)	
Noise Level	Printing: 55dBA / Copying: 59dBA / Standby: 43dBA / Sleep: 30dBA	
Memory	RAM: 1GB Standard/Max	
HDD Standard	320GB	
Operating System	[Windows] XP 32/64bits, Vista 32/64bits, Windows 7/8 32/64bits, Windows 2003 Server 32/64bits, Windows Server 2008 32/64bits, Windows Server 2008 R2 64bits / [Linux] RedHat Enterprise Linux WS 4, 5 (32/64 bit) Fedora 5, 6, 7, 8, 9, 10, 11, 12, 13 (32/64 bit) / SuSE Linux 10.1 (32 bit) / OpenSuSE 10.2, 10.3, 11.0, 11.1, 11.2 (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 (32/64 bit) / SuSE Linux Enterprise Desktop 10, 11 (32/64 bit) / Debian 4.0, 5.0 (32/64 bit) / [UNIX] Sun Solaris 9,10 (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 / [Mac] Mac OS X 10.4 ~ 10.7	
Monthly Duty Cycle	200,000 sheets/month	
Dimension (W x D x H)	21.7" x 20.2" x 30.6"	
Weight	155.2 lbs. with Consumables	
Consumables		
CLT-C659S	Cyan Toner 20K* Yield	
CLT-M659S	Magenta Toner 20K* Yield	
CLT-Y659S	Yellow Toner 20K* Yield	
CLT-K659S	Black Toner 20K* Yield	
CLT-R659	CMYK Imaging Unit 40K* Yield	
CLT-W659	Waste Container 20K* Yield	
Options		
CLX-DSK20M	Second Cassette Feeder + Stand (520 sheet)	
CLX-S8640T	Triple Cassette Feeder (1,560 sheet)	
CLX-FAX170	Fax Kit	
CLX-FIN25S	2-bin Finisher	
SCX-STP000	Finishing Staples Cartridge 15K Yield	

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Product Support: 1-866-SAM4BIZ | 1-800-SAMSUNG | samsung.com/business or samsung.com/b2bprinters

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