

Samsung Colour Multi-Function Printer CLX-8640ND | CLX-8645ND



True color at the speed of light



Push productivity while keeping expense under control

The Samsung CLX-8640ND and CLX-8650ND deliver incredible performance, reliability and outstanding value for money.

Dual Core power offers high productivity, while the latest Anti-Jam technology ensures you can always rely on a superior final result.

That's not all; you can enjoy impressive cost savings thanks to low power consumption. You'll discover everything about these devices has been designed to make it robustly reliable and amazingly cost effective.

Highlights

- 1GHz Dual Core Processor provides powerful performance
- ReCP Technology improves the overall print / copy / scan quality
- 7" Colour Touch LCD offers flexibility and simplicity
- Enhanced design maximizes office efficiency
- Eco-features reduces energy costs
- XOA expands functionality easily and affordably
- Advanced security features, as standard, enhances office data protection
- Integrated secure workflow with Samsung Solutions

Configurations & Options

DADF (Standard)

- Duplex Automatic Document Feeder
- 100-Sheet capacity
- 2-sided Document Scanning
- Paper empty / width / length detect

2 Bin Finisher

- 100/500 Sheet capacity
- Corner stapling up to 50 sheets

Triple Cassette Feeder

- 2,180 - Sheet capacity
- Paper empty / Size detect

Second Cassette Feeder

- 1,140- Sheet capacity
- Paper empty / Size detect



Samsung Colour Multi-Function Printer CLX-8640ND | CLX-8650ND

Specifications

General

Functions	Print, Copy, Scan, Fax (Option), Network, Duplex
Processor	Chorus 4N
Display	7" Color Touch-Panel LCD800 x 480 (WVGA)
Memory	Standard: 1GB / Maximum: Max 1GB
Hard Disk Drive	320GB Storage
Interface	High Speed USB 2.0 Device/Host, Ethernet 10/100/1000 BASE TX
Warm-up Time	From Power On: 90 sec / From Sleep: 45 sec
Power Requirements	Europe: AC 220-240V / USA: AC 110~127V / Korea: AC 220-240V
Power Consumption	Max 1.6kW (Ready: <80W, Sleep: <1.5W)
Noise Level	Copying: 59dBA / Printing: 55dBA / Ready: 43dBA / Sleep: 30dBA
Dimension (WxDxH)	550 x 523 x 776mm (21.7" x 20.6" x 30.6")
Weight	70.4 Kg (with consumable)
Max. Monthly Duty Cycle	200,000 pages
Recommended Monthly Print Volume	7,000 sheets/month (60% Color ratio)
Network Security	SSL/TLS, IP sec, SNMPv3, IPv6, Protocol & Port Management, IP/MAC filtering
Certification	CCC(ISO15408), IEEE P2600-2008, WHQL Compliance

Print

Speed (Mono / Color)	CLX-8640ND: 38 ppm in A4 / 40 ppm in Letter CLX-8640ND: 48 ppm in A4 / 51 ppm in Letter
First Print Out Time (From Ready Mode)	Mono: 9 seconds Color: 11 seconds
Resolution	Default: 600 x 600 dpi Max: Effective 1,200 dpi (1,200 x 600 x 2bit)
Emulation	PCL5c, PCL6, Postscript 3, PDF 1.7
Duplex Print	Built-in
Operating System	[Windows] Windows XP 32/64bits, Vista 32/64bits, Windows 7 32/64bits, Windows 2003 Server 32/64bits, Windows Server 2008 32/64bits, Windows Server 2008 R2 64bits [Mac] Mac OS X 10.4 ~ 10.7 [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
Network Protocols	TCP/IP v4, HTTP, SNMP v1/v2c/v3, LDAP, SMTP, SSL/TLS, IPsec, DNS, WINS, SLP, Bonjour, SSDP, DDNS, DHCP/BOOTP, IPv6
Fonts	PCL: 93 / Postscript3: 136
Direct Print Support	Jpeg, Tiff, PDF

Copy

Speed (Mono / Color)	CLX-8640ND: 38 ppm in A4 / 40 ppm in Letter CLX-8640ND: 48 ppm in A4 / 51 ppm in Letter (Mono / Color) 9 seconds
First Print Out Time (From Ready Mode)	
Resolution	Platten: 600 x 600 dpi / DADF: 600 x 300 dpi
Reduce / Enlarge Range	25% - 400%
Duplex Print	25%50%(70%)A4»A5(78%)LGL»LTR(81%) B5»A5(86%)A4»B5»
Preset Enlargements	(104%)EXE»LTR(141%)A5»A4150%200% 400%
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

Speed (Mono / Color)	70 ipm (300 dpi / A4/Letter)
Color Mode	Mono / Gray / Color
Compatibility	Network TWAIN
Method	CCD
Resolution	Optical: max 600 x 600 dpi Enhanced: Up to 4,800 x 4,800 dpi
Scan Destinations	E-mail, USB, FTP, SMB, HDD, PC
File Format	PDF, TIFF, JPEG, XPS
Communication Protocol	SMTP, MIME(Base 64)SMB, FTP, TWAIN, WIA, WSD
Scan Document Size	Max Legal

Fax

Compatibility	ITU-T G3, Super G3
Modem Speed	33.6 Kbps
Resolution	Up to 600 x 600 dpi (Mono)
Compression Method	MH/MR/MMR/JBIG
Memory	HDD Back-up
Auto Dial	Support
Fax Feature	Speed Dial, Group Dial, On-hook Dial, Auto Redial, Caller ID, Secure Reception, Fax forwarding, etc.

Paper Handling

Input Capacity	Cassette Standard: 520 Sheets Multipurpose tray: 100 Sheets Other Options: 1560 sheets (x 3 Option Cassette) Maximum: 2180 Sheets (MP + 4Tray)
Media Type	Cassette: Plain Paper, Thin Paper, Bond, Punched, Pre-Printed, Recycled, Envelope(C5 only), CardStock, Letterhead, Thick, Cotton, Colored, Archive Multipurpose tray: Plain Paper, Thin Paper, Bond, Punched, Pre-Printed, Recycled, Envelope, Label, CardStock, Letterhead, Thick, Cotton, Colored, Archive Other Options: Plain Paper, Thin Paper, Bond, Punched, Pre-Printed, Recycled, Envelope(C5 only), CardStock, Letterhead, Thick, Cotton, Colored, Archive

Media Size

Cassette: 148 x 210 mm ~ 216 x 356 mm
Multipurpose tray: 92 x 148 mm ~ 216 x 356 mm
Other Options: 148 x 210 mm ~ 216 x 356 mm

Media Weights

Cassette: 16~43lb(60 to 163g/m²)
Thin: 60-74g/m² / Colored: 75-90g/m²
Pre-Printed: 75-90g/m² / Cotton: 75-90g/m²
Plain Paper: 75-90g/m² / Thick: 91-105g/m²
Recycle: 75-90g/m² / Envelope: 75-90g/m²
Thin Glossy: 106-130g/m²
Thick Glossy: 131-163g/m²
Thin Cardstock: 106-163g/m²
Bond: 105-120g/m² / Archive: 75-90g/m²
Heavy Weight: 106-163g/m²
LetterHead: 75-90g/m²
Hole Punched: 75-90g/m²

Multipurpose tray: 16~58lb (60 to 220g/m²)
Thin: 60-74g/m² / Colored: 75-90g/m²
Pre-Printed: 75-90g/m² / Cotton: 75-90g/m²
Plain Paper: 75-90g/m² / Thick: 91-105g/m²
Recycle: 75-90g/m² / Envelope: 75-90g/m²
Thin Glossy: 106-130g/m²
Thick Glossy: 131-163g/m²
Thin Cardstock: 106-163g/m²
Bond: 105-120g/m² / Archive: 75-90g/m²
Label: 120-150g/m² / Heavy Weight: 106-163g/m² / Extra Heavy Weight: 164-220g/m²
LetterHead: 75-90g/m² / Hole Punched: 75-90g/m²

Other Options: 16~43lb(60 to 163g/m²)
Thin: 60-74g/m² / Colored: 75-90g/m²
Pre-Printed: 75-90g/m² / Cotton: 75-90g/m²
Plain Paper: 75-90g/m² / Thick: 91-105g/m²
Recycle: 75-90g/m² / Envelope: 75-90g/m²
Thin Glossy: 106-130g/m² / Thick Glossy: 131-163g/m² / Thin Cardstock: 106-163g/m²
Bond: 105-120g/m² / Archive: 75-90g/m²
Heavy Weight: 106-163g/m²
LetterHead: 75-90g/m² / Hole Punched: 75-90g/m²

Output Capacity

ADF
500 sheets @ 20lb (80g/m²), drawer type
• Type: DADF
• Document Capacity: 100 Sheets
• Document Size: Width: 145 ~ 216mm (5.7"~8.5")
Length: 145 ~ 356mm (5.7" ~ 14.0")
• Document Weight: 16 ~ 28 lb

Consumables

Toner	(Black / Color) 20,000 pages (5% Coverage)
Imaging Unit/Drum	(Black / Color) 40,000 pages (5% Coverage)
Waste Toner Container	20,000 pages (5% Coverage)

Option

SCF, TCF, 2bin Finisher, Staple cartridge, Fax Kit, FDI Kit, Card Read Holder

Solution

Device Management	SWAS 5
Output Management	CounThru 2.5
Document Management and Distribution	SmartThru Workflow 3
Security	SecuThru Lite 1
Mobility	MobilePrint App

* Specifications above are subject to change without prior notice.

* product specifications may change without notice, and product lineup may vary depending on your regions.

Unsurpassed reliability and support that your business keep working

We know anything that helps business run more smoothly is priceless, especially when it comes to device management. Backed by reliable performance and available whenever and wherever you're needed, we will always respond to your query.



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