



High-quality results, professional performance

BENEFITS

- Cut job times with fast scanning and printing, with speeds of up to 38 pages per minute
- Reliable printing with anti-jam technology
- Enjoy crisper lines and more vivid colors with polymerised toner

Model		CLX-8650ND/SEE
General	Functions Standard	Print, Copy, Scan, Fax (Option), Network, Duplex
	Processor	Chorus 4N
	Operational Panel	7" Color Touch-Panel LCD 800 x 480 (WVGA)
	Memory Standard	1 GB Memory
	Memory Maximum	1 GB Memory
	Hard Disk Drive	320 GB Storage
	Interface Standard	High Speed USB 2.0 Device/Host, Ethernet 10 / 100 / 1000 BASE TX
	Warm-up Time From Power On	90 sec
	Warm-up Time From Sleep	45 sec
	Power Requirements	Europe: AC 220–240 V USA: AC 110–127 V Korea: AC 220–240 V
	Power Consumption	Max 1.6 kW (Ready: <80 W, Sleep: <1.5 W)
	Noise Level	Copying: 59 dBA, Printing: 55 dBA, Ready: 43 dBA, Sleep: 30 dBA
	Dimension (WxDxH)	550 x 523 x 776 mm (21.7" x 20.6" x 30.6") Dimension
	Weight	70.4 kg (with consumable)
	Max. Monthly Duty Cycle	200,000 pages
	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)	38 ppm in A4 / 40 ppm in Letter
	Speed (Color)	38 ppm in A4 / 40 ppm in Letter
	First Print Out Time (Mono)	9 seconds (From Ready Mode)
	First Print Out Time (Color)	11 seconds (From Ready Mode)
	Resolution	Default : 600 x 600 dpi Max : Effective 1,200 dpi (1,200 x 600 x 2 bit)
	Emulation	PCL5c, PCL6, Postscript 3, PDF 1.7
	Duplex Print	Built-in
	Operating System	Windows 8 / 7 / Vista / XP / 2008 R2 / 2008 / 2003, Mac OS X 10.4–10.8, Various Linux / Unix
	Network Protocols	TCP / IPv4, HTTP, SNMPv1 / v2c / v3, LDAP, SMTP, SSL / TLS, IPSec, DNS, WINS, SLP, Bonjour, SSDP, DDNS, DHCP / BOOTP, IPv6
	Fonts PCL	93
	Fonts Postscript3	136
Copy	Direct Print Support	Jpeg, Tiff, PDF
	Speed (Mono)	38 cpm in A4 / 40 cpm in Letter
	Speed (Color)	38 cpm in A4 / 40 cpm in Letter
	First Copy Out Time (Mono)	9 seconds (From Ready Mode)
	First Copy Out Time (Color)	9 seconds (From Ready Mode)
	Resolution	Platten; 600 x 600 dpi DADF; 600 x 300 dpi
	Reduce / Enlarge Range	25%–400%
	Preset Reductions	25% 50% (70%) A4> A5 (78%) LGL> LTR (81%) B5> A5 (86%) A4> B5
	Preset Enlargements	(104%) EXE> LTR (141%) A5> A4 150% 200% 400%
	Multi Copy	1–9,999 Pages
	Duplex Copy	Built-in
Scan	Copy Features	ID Card copy (platen only), Auto fit, Book copy(platen only), Booklet, N-up,
	Speed (Mono)	70 ipm (300 dpi / A4/Letter)
	Speed (Color)	70 ipm (300 dpi / A4/Letter)
	Color Mode	Mono / Gray / Color
	Compatibility	Network TWAIN
	Method	CCD
	Resolution (Optical)	Max 600 x 600 dpi
	Resolution (Enhanced)	Up to 4,800 x 4,800 dpi
	Scan Destinations	E-mail, USB, FTP, SMB, HDD, PC
	File Forma	PDF, TIFF, JPEG, XPS
	Communication Protocol	SMTP, MIME (Base 64) SMB, FTP, TWIAN, 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)

Paper Handling	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.
	Input Capacity Cassette	Standard: 520 Sheets
	Input Capacity Multipurpose tray	100 Sheets
	Input Capacity Other Options	1560 sheets (x 3 Option Cassette)
	Input Capacity Maximum	2180 Sheets (MP + 4Tray)
	Media Type Cassette	Plain Paper, Thin Paper, Bond, Punched, Pre-Printed, Recycled, Envelope (C5 only), Card Stock, Letter Head, Thick, Cotton, Colored, Archive
	Media Type Multipurpose tray	Plain Paper, Thin Paper, Bond, Punched, Pre-Printed, Recycled, Envelope, Label, CardStock, Letter Head, Thick, Cotton, Colored, Archive, Banner
	Media Type Other Options	Plain Paper, Thin Paper, Bond, Punched, Pre-Printed, Recycled, Envelope (C5 only), CardStock, Letter Head, Thick, Cotton, Colored, Archive
	Media Size Cassette	148 x 210 mm–216 x 356 mm
	Media Size Multipurpose tray	92 x 148 mm–216 x 356 mm Banner (216 x 1200 mm)
	Media Size Other Options	148 x 210 mm–216 x 356 mm
	Media Weights Cassette	16–43 lbs (60 to 163 g/m ²) Thin: 60–74 g/ m ² Colored: 75–90 g/m ² Pre-Printed: 75– 90 g/m ² Cotton: 75–90 g/m ² Plain Paper: 75–90 g/m ² Thick: 91–105 g/m ² Recycle: 75–90 g/m ² Envelope: 75–90 g/m ² Thin Glossy: 106–130 g/m ² Thick Glossy: 131 –163 g/m ² Thin Cardstock: 106–163 g/m ² Bond: 105–120 g/m ² Archive: 75–90 g/m ² Heavy Weight: 106–163 g/m ² Letter Head: 75–90 g/m ² Hole Punched: 75–90 g/m ²
Consumables	Media Weights Multipurpose tray	16–58 lbs (60 to 220 g/m ²) Thin: 60–74 g/m ² Colored: 75–90 g/m ² Pre-Printed: 75–90 g/m ² Cotton: 75–90 g/m ² Plain Paper: 75–90 g/m ² Thick: 91–105 g/m ² Recycle: 75–90 g/m ² Envelope: 75–90 g/m ² Thin Glossy: 106–130 g/m ² Thick Glossy: 131–220 g/m ² Thin Cardstock: 106–163 g/m ² Bond: 105–120 g/m ² Archive: 75–90 g/m ² Label: 120–150 g/m ² Heavy Weight: 106–163 g/m ² Extra Heavy Weight: 164–220 g/m ² Letter Head: 75–90 g/m ² Hole Punched: 75–90 g/m ²
	Media Weights Other Options	16–43 lbs (60 to 163 g/m ²) Thin: 60–74 g/ m ² Colored: 75–90 g/m ² Pre-Printed: 75– 90 g/m ² Cotton: 75–90 g/m ² Plain Paper: 75–90 g/m ² Thick: 91–105 g/m ² Recycle: 75–90 g/m ² Envelope: 75–90 g/m ² Thin Glossy: 106–130 g/m ² Thick Glossy: 131– 163 g/m ² Thin Cardstock: 106–163 g/m ² Bond: 105–120 g/m ² Archive: 75–90 g/m ² Heavy Weight: 106–163 g/m ² Letter Head: 75–90 g/m ² Hole Punched: 75–90 g/m ²
	Output Capacity	500 sheets @ 20 lbs (80 g/m ²), drawer type
	ADF Type	DADF
	ADF Document Capacity	100 Sheets
	ADF Document Size	142 x 148 mm (5.6" x 5.8") - 216 x 356 mm (8.5" x 14")
	Document Weight	16–28 lbs
	Toner Black	20,000 pages (5% Coverage)
	Color (C/M/Y)	20,000 pages (5% Coverage)
	Imaging Unit/Drum Back	40,000 pages (5% Coverage)
	Imaging Unit/Drum Color	40,000 pages (5% Coverage)
	Transfer Belt	FRU
	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
	Output Management and Distribution	SmarThru Workflow 3
	Security	SecuThru Lite 1
	Mobility	MobilePrint App