



## Flexible printer with high productivity

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### BENEFITS

- Print at speeds of up to 24 pages per minute
- ECO button for easy access to functions like Toner Save Mode and more
- Print documents directly from the printer via Direct USB

Model	CLP-680ND/SEE	
General	Functions Standard	Print
	Functions Optional	One-touch Eco Mode / Direct USB / Mobile Print
	Processor	Dual CPU (Main: 533 MHz / Sub: 150 MHz)
	Operational Panel	2-Line LCD
	Memory Standard	256 MB Memory
	Memory Maximum	512 MB Memory
	Interface Standard	High-Speed USB 2.0 / USB Host / Ethernet 10 / 100 / 1000 Base-TX
	Interface Optional	IEEE 1284 B Parallel Connector
	Power Consumption	450 W (Average) / 14 W (Standby) / 1 W (Sleep Mode) / 1.49 kWh (TEC)
	Noise Level	Less than 52 dBA (Printing) / Less than 32 dBA (Standby)
	Dimension (WxDxH)	420 x 452.5 x 311.3 mm (16.54" x 17.81" x 12.26") dimension
	Weight	20.15 kg (44.42 lbs)
	Max. Monthly Duty Cycle	60,000 Pages
	Print	Speed (Mono)
Speed (Color)		Up to 24 ppm in A4 (25 ppm in Letter)
First Print Out Time (Mono)		Less than 17 sec (From Ready Mode)
First Print Out Time (Color)		Less than 17 sec (From Ready Mode)
Resolution		Up to 9,600 x 600 dpi Effective Output (600 x 600 x 4 bit)
Emulation		PCL5Ce / PCL6C / PS3 / PDF V1.7 / SPL-C (Samsung Printer Language Color)
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
Direct Print Support		PDF V1.7
Print Features		Automatic Double Sided Print / Direct Print / Secure Print
Paper Handling	Input Capacity Cassette	250-Sheet Standard Cassette
	Input Capacity Multipurpose tray	50-Sheet MP Tray
	Input Capacity Other Options	520-Sheet SCF
	Input Capacity Maximum	820 Sheets
	Media Type Cassette	Plain Paper / Thin Paper / Thick Paper / Cardstock / Thicker Paper / Hole Punched / Transparency / Pre-Printed / Letter Head / Recycled / Archive / Bond / Label / Envelope / Cotton / Colored / Glossy
	Media Type Multipurpose tray	Plain Paper / Thin Paper / Thick Paper / Cardstock / Thicker Paper / Hole Punched / Transparency / Pre-Printed / Letter Head / Recycled / Archive / Bond / Label / Envelope / Cotton / Colored / Glossy

Media Type Other Options	Plain Paper / Thin Paper / Cardstock / Hole Punched / Pre-Printed / Letter Head / Recycled / Archive / Bond / Label / Cotton / Colored / Glossy	
Media Size Cassette	A4 / Letter / Legal / Oficio / Folio / JIS B5 / ISO B5 / Executive / A5 / Statement / A6 / Index Card Stock / Postcard / Envelope Monarch / Envelope No-10 / Envelope DL / Envelope C5 / Envelope C6 / Envelope No 9 / Custom [76 x 127 mm (3" x 5") – 216 x 356 mm (8.5" x 14")]	
Media Size Multipurpose tray	A4 / Letter / Legal / Oficio / Folio / JIS B5 / ISO B5 / Executive / A5 / Statement / A6 / Index Card Stock / Postcard / Envelope Monarch / Envelope No-10 / Envelope DL / Envelope C5 / Envelope C6 / Envelope No 9 / Custom [76 x 127 mm (3.0" x 5.0") – 216 x 356 mm (8.5" x 14")]	
Media Size Other Options	A4 / Letter / Legal / Oficio / Folio / JIS B5 / ISO B5 / Executive / A5 / Statement / Custom [98 x 210 mm (3.86" x 8.3") – 216 x 356 mm (8.5" x 14")]	
Media Weights Cassette	Supported Weight: 60–220 g/m <sup>2</sup> (16–59 lbs) Thin Paper: 60–70 g/m <sup>2</sup> / Plain Paper: 70–90 g/m <sup>2</sup> / Thick Paper: 91–105 g/m <sup>2</sup> / Bond Paper: 105–120 g/m <sup>2</sup> / Cardstock: 121–163 g/m <sup>2</sup> / Thicker Paper: 164–220 g/m <sup>2</sup>	
Media Weights Multipurpose tray	Supported Weight: 60–220 g/m <sup>2</sup> (16–59 lbs) Thin Paper: 60–70 g/m <sup>2</sup> / Plain Paper: 70–90 g/m <sup>2</sup> / Thick Paper: 91–105 g/m <sup>2</sup> / Bond Paper: 105–120 g/m <sup>2</sup> / Cardstock: 121–163 g/m <sup>2</sup> / Thicker Paper: 164–220 g/m <sup>2</sup>	
Media Weights Other Options	Supported Weight: 60–163 g/m <sup>2</sup> (16–43 lbs) Thin Paper: 60–70 g/m <sup>2</sup> / Plain Paper: 70–90 g/m <sup>2</sup> / Thick Paper: 90–105 g/m <sup>2</sup> / Bond Paper: 105–120 g/m <sup>2</sup> / Cardstock: 121–163 g/m <sup>2</sup>	
Output Capacity	150-Sheet Face Down	
Consumables	Toner Black	Standard Toner Cartridge Yield: 2,000 Standard Pages (Ships with 2,000 Pages Starter Toner Cartridge) / High Toner Cartridge Yield: 6,000 Standard Pages *Declared Yield Value in accordance with ISO / IEC 19798
	Color (C/M/Y)	Standard Toner Cartridge Yield: 1,500 Standard Pages (Ships with 1,500 Pages Starter Toner Cartridge) / High Toner Cartridge Yield: 3,500 Standard Pages *Declared Yield Value in accordance with ISO / IEC 19798
	Transfer Belt	Approx. 100,000 Pages
	Waste Toner Container	Approx. 14,000 Pages (Black) / 3,500 Pages (Color)
	Etc	N/A
	Option	520-Sheet Cassette / IEEE 1284 B Parallel Connector / 512 MB Memory
Solution	Device Management	Yes
	Output Management	Yes
	Mobility	Yes