

Samsung Colour Laser Printer CLP-680ND





Key Features:

- New ReCP colour technology
- Print Speeds up 24ppm in A4
- First Page Out Time of less than 17 seconds
- Quiet Operation at less than 52dBA (printing)
- 9,600 x 600 dpi resolution for sharp image clarity
- Maximum Monthly Duty Cycle up to 60,000 images

Fast and Economical Colour Printing

The Samsung CLP-680ND provides consistent, high levels of performance and speed. This compact and durable printer provides users with superior functionality such as Samsung's Instant Fusing technology for faster printing, making the CLP-680ND a low maintenance, economical and user-friendly colour laser printer. Outstanding quality prints (9,600 x 600 dpi) and minimised operational costs mean efficient print productivity.

This advanced print solution includes a First Page Out Time of less than 17 seconds and print speeds of 24ppm. For high levels of performance – without the large price tag – the Samsung CLP-680ND is an ideal option for fast and efficient office printing.

Top 5 Reasons to Buy:



Economical:

- Instant Fusing Technology drastically shortens the warm up period of the machine, saving energy and money
- Duplex Printing saves time and money by automatically printing double-sided, including faxes.



High Performance:

- Powerful 533MHz dual core processor and reliable 256MB std. memory (Max 768MB) for faster printing.
- New ReCP technology combined with PCL or PS3 printing, gives you sharper text, cleaner lines and vibrant colourful prints everytime.



Ease-of-use:

- Clear, highly usable 2-line LCD display.
- Direct USB connection print or scan direct to the printer from your USB, without the need for a PC.
- Enhanced solutions such as Easy Colour Manager for efficient colour balance and toner use; and new FineEdge technology for high definition text and line clarity.



Security

 Keep control of your printing with secure printing and document control with our easy to use numeric keyboard.



Paper Input

• Up to 820 Sheet Paper Input to help keep paper replenishment times low, so you can get on with the tasks in hand.





Print Speed (Monor Colour)	Model Code	Samsung CLP-680ND
Resolution Res	Print	
Resolution	Speed (Mono/Colour)	Up to 24 ppm in A4 (25 ppm in Letter)
Emulation	First Print Out Time (Mono/Colour)	Less than 17 seconds (From Ready Mode)
Duplex Paper Handling Input Capacity and Type Output Capacity and Type Al Letter Legal / Circl - Fider / 18 86 / 180 18 / 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180	Resolution	Up to 9,600 x 600 dpi Effective Output (600 x 600 x 4 bit)
Paper Handling Input Capacity and Type	Emulation	PCL5Ce / PCL6C / PS3 / PDF V1.7 / SPL-C (Samsung Printer Language Colour)
Input Capacity and Type Output Capacity and Type At / Later / Logar / Office / Falls / Jack Sto Sheet Stor Mark Sto Sheet Stor Mark Stor Sheet	Duplex	Buit-In
Output Capacity and Type ### At / Later / Lagal / Otion / Ficile / Jis & Fice Date / At / Tabler Card Stock / Peatard / #### At / Later / Lagal / Otion / Ficile / Jis & Fice Date / At / Tabler Card Stock / Peatard / #### At / Later / Lagal / Otion / Ficile / Jis & Fice Date / At / Cater Card Stock / Peatard / #### At / Later / Lagal / Otion / Ficile / Jis & Fice Date / At / Cater Card Stock / Peatard / #### At / Later / Lagal / Otion / Ficile / Jis & Fice Date / Cater	Paper Handling	
Media Size At I Letter / Legal / Offici / Future / Offici / Content / Offici / 12 Future (St 7 x 5 (7) – 216 x 356mm (8.5° x 14")) Media Type Perval / Part Part of / Legal / Content / Columbra / Offici / Columbra / Offici / 12 Future	Input Capacity and Type	250-sheet Standard Cassette Tray (Max 820 Sheets)
Envelope Morarch / Envelope No-10 / Envelope CA / Envelope CA / Envelope No-10 / Castom (Rs x 12/mm (8.0" x 5.0") - 216 x 356mm (R.5" x 14")	Output Capacity and Type	150-sheet Face Down
Media Type	Media Size	A4 / Letter / Legal / Oficio / Folio / JIS B5 / ISO B5 / Executive / A5 / Statement / A6 / Index Card Stock / Postcard / Envelope Monarch / Envelope Dc / Envelope Dc / Envelope C5 / Envelope C6 / Envelope No 9 / Custom [76 x 127mm (3.0" x 5.0") ~ 216 x 356mm (8.5" x 14")]
Processor Speed	Media Type	Hole Punched / Transparency/ Pre-Printed / LetterHead /
Processor Speed 520-sheet Cassette Tray, 100-sheet Multi Purpose Tray / Max 820 Sheet Capacity Display 2-Line LCD Interface High-Speed USB 2.0, Ehrenet 10/100/1000 Base-TX Noise Level Less than 52 dBA (Printing) / Less than 32 dBA (Standby) Memory / Storage 256 MB (Max 768 MB) OS Compatibility Window 2003 / 2008 / XP / Vista / T / 2003 Server / 2008 Server	Envelope Capacity	20-sheet
Display 2:-Line LCD Interface High-Speed USB 2.0, Ethemet 10/100/1000 Base-TX Noise Level Less than 52 dBA (Phriling) / Less than 32 dBA (Standby) Memory / Storage 266 MB (Max 768 MB) OS Compatibility Window 2003 / 2008 / XP / Vesta / T / 2003 Server / 2008 Server / 2008 Server P2 / Max C SX 104-110 / T / Valous Linux CS / Various Lin	General	
Interface High-Speed USB 2.0, Ethernet 10/10/1000 Base-TX Noise Level Less than 52 dBA (Printing) / Less than 32 dBA (Standby) Memory / Storage 256 MB (Max 768 MB) OS Compatibility Window 2003 / 2008 / Yel / Vistal 7 / 2003 Server / 2008 Server 7 / 2008 Server R2 / Mac CS X 10.4-10.7 / Viantous Inux (SS / Viantous UNIX OS) Monthly Duty Cycle 60,000 Images Dimension (WxDxH) 420 x 452.5 x 311.3 mm (16.5' x 17.8' x 12.3') Weight 20.15 kg (44.42 lbs) Power Consumption 450 W (Average) / 10 W (Standby) / 1 W (Steep mode) Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 1,500 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Torer Cartridge Yield: 3,500 Standard Pages (CLT-K506S/ELS), Magenta Toner (CLT-M506S/ELS), Yellow Toner (CLT-V506S/ELS) Yellow/Magenta/Cyan Toner Cartridge Standard Toner Cartridge Yield: 3,500 Standard Pages (Ships with 1,500 Pages Starter Toner (CLT-M506S/ELS), Wagenta Toner (CLT-M506S/ELS), Yellow Toner (CLT-V506S/ELS) High Toner Cartridge Yield: 3,500 Standard Pages (Charter) Pages (CLT-K506S/ELS), Magenta Toner (CLT-M506S/ELS), Yellow Toner (CLT-V506S/ELS) Transfer Belt Approx. 10,0000 Pages Waste Toner Container Approx. 14,000 images (Mono) / 3,500 images (Colour) (CLT-W506S/ELS) Option	Processor Speed	520-sheet Cassette Tray, 100-sheet Multi Purpose Tray / Max 820 Sheet Capacity
Noise Level Less than 52 dBA (Pinting) / Less than 32 dBA (Standby) Memory / Storage 256 MB (Max 768 MB) OS Compatibility Window 2003 / 2008 / XP / Vista / 7 / 2003 Server / 2008 Server / 2008 Server R2 / Mac OS X 10.4-10.7 / Viarious Linux CS / Viarious UNIX OS Monthly Duty Cycle 60,000 mages Dimension (WXDXH) 420 x 452.5 x 311.3 mm (16.5" x 17.8" x 12.3") Weight 20.15 kg (44.42 lbs) Power Consumption 450 W (Average) / 10 W (Standby) / 1 W (Seep mode) Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506S/ELS) (Ships with 1,500 Pages Starter Toner (CLT-M506S/ELS), Yellow Toner (CLT-V506S/ELS) Yellow/Magenta/Cyan Toner Cartridge Standard Toner Cartridge Yield: 3,500 Standard Pages, Oyan Toner (CLT-CS0E/ELS) (Negerta Toner (CLT-V506S/ELS), Yellow Toner (CLT-V506S/ELS), Yellow Toner (CLT-V506S/ELS), Yellow Toner (CLT-V506S/ELS) Transfer Belt Approx. 10,000 Pages Waste Toner Container Option	Display	2-Line LCD
Memory / Storage 256 MB (Max 768 MB) OS Compatibility Window 2003 / 2008 / XP / Vista / 7 / 2003 Server / 2008 Server / 2008 Server R2 / Mac OS X 10.4-10.7 / Vistrous Linux OS / Vistrous UNIX OS Monthly Duty Cycle 60,000 Images Dimension (WXDXH) 420 x 452.5 x 311.3 mm (16.5" x 17.8" x 12.3") Weight 20.15 kg (44.42 lbs) Power Consumption 450 W (Average) / 10 W (Standby) / 1 W (Seep mode) Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K5068/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 1,500 Standard Pages (CLT-K5068/ELS), Magenta Toner (CLT-V5068/ELS) Yellow/Magenta/Cyan Toner Cartridge Standard Toner Cartridge Yield: 3,500 Standard Pages (Ships with 1,500 Pages Starter Toner (CLT-V5068/ELS), Vellow Toner (CLT-V5068/ELS) High Toner Cartridge Yield: 3,500 Standard Pages (Chartridge), One Toner (CLT-W5068/ELS), Vellow Toner (CLT-V5068/ELS) Transfer Belt Approx. 10,000 Pages Waste Toner Container Option	Interface	High-Speed USB 2.0, Eithemet 10/100/1000 Base-TX
OS Compatibility Window 2003 / Z008 / XP / Visita / T / Z003 Server / 2008 Server / 2008 Server R2 / Mac OS X 10.4-10.7 / Various Linux OS / Various UNIX OS Monthly Duty Cycle 60,000 Images Dimension (WxDxH) 420 x 452.5 x 311.3 m (16.5* x 17.8* x 12.3*) Weight 20.15 kg (44.42 lbs) Power Consumption 450 W (Average) / 10 W (Standby) / 1 W (Seep mode) Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 9,000 Standard Pages (CLT-K506S/ELS), Wegenta Toner (CLT-W506S/ELS), Velour Toner (CLT-W506S/ELS), Wegenta Toner (CLT-W506S/ELS), Velour Toner (CLT-W506	Noise Level	Less than 52 dBA (Printing) / Less than 32 dBA (Standby)
Monthly Duty Cycle 60.000 Images Dimension (WxDxH) 420 x 452.5 x 311.3 mm (16.5' x 17.8' x 12.3') Weight 20.15 kg (44.42 lbs) Power Consumption 450 W (Average) / 10 W (Standbry) / 1 W (Steep mode) Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506S/ELS), Magental Toner (CLT-W506L/ELS) Vision Toner (CLT-W506L/ELS), Visi	Memory / Storage	256 MB (Max 768 MB)
Dimension (WxDxH) 420 x 452.5 x 311.3 mm (16.5' x 17.6' x 12.3') Weight 20.15 kg (44.42 lbs) Power Consumption 450 W (Average) / 10 W (Standby) / 1 W (Steep mode) Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506S/ELS) (Page with 1,500/EC 19798 Yellow/Magenta/Cyan Toner Cartridge Standard Toner Cartridge Yield: 3,500 Standard Pages (Starter Toner Cartridge), Open Toner (CLT-W506S/ELS), Negenta Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506S/ELS) Yellow/Magenta/Cyan Toner Cartridge Transfer Belt Approx. 100,000 Pages Waste Toner Container Approx. 14,000 images (Mono) / 3,500 images (Colour) (CLT-W506/SEE) Option	OS Compatibility	
Weight 20.15 kg (44.42 lbs) Power Consumption 450 W (Average) / 10 W (Standby) / 1 W (Steep mode) Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506L/ELS) 'Declared Yield Value in accordance with ISO/IEC 19798 Yellow/Magenta/Cyan Toner Cartridge Standard Toner Cartridge Yield: 3,500 Standard Pages (Ships with 1,500 Pages Starter Toner Cartridge), Oyan Toner (CLT-W506S/ELS), Negenta Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506L/ELS) High Toner Cartridge Yield: 3,500 Standard Pages, Oyan Toner (CLT-W506L/ELS), Negenta Toner (CLT-W506L/ELS), Yellow Toner (CLT-W506L/ELS), Yellow Toner (CLT-W506L/ELS), Yellow Toner (CLT-W506L/ELS) Transfer Belt Approx. 100,000 Pages Waste Toner Container Approx. 14,000 images (Mono) / 3,500 images (Colour) (CLT-W506/SEE) Option	Monthly Duty Cycle	60,000 Images
Power Consumption Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506S/ELS) (Negerita Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506S/ELS), Yellow/Magenta/Cyan Toner Cartridge Yield: 1,500 Standard Pages (Ships with 1,500 Pages Starter Toner Cartridge), Open Toner (CLT-W506S/ELS), Negerita Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506L/ELS), Yellow Toner (C	Dimension (WxDxH)	420 x 452.5 x 311.3 mm (16.5° x 17.8° x 12.3°)
Accessories Black Toner Cartridge Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 1,500 Standard Pages (Ships with 1,500 Pages Starter Toner Cartridge), Oyan Toner (CLT-C506S/ELS), Negerita Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506L/ELS), High Toner Cartridge Yield: 3,500 Standard Pages, Oyan Toner (CLT-C506L/ELS), Negerita Toner (CLT-W506L/ELS), Yellow	Weight	20,15 kg (44,42 lbs)
Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506L/ELS) "Declared Yield Value in accordance with ISO/IEC 19798 Yellow/Magenta/Cyan Toner Cartridge Standard Toner Cartridge Yield: 1,500 Standard Pages (Ships with 1,500 Pages Starter Toner Cartridge), Oyan Toner (CLT-W506S/ELS), Magenta Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506S/ELS), Yellow Toner (CLT-W506L/ELS), Magenta Toner (CLT-W506L/ELS), Yellow Toner (CL	Power Consumption	450 W (Average) / 10 W (Standby) / 1 W (Seep mode)
High Toner Cartridge Yield: 6,000 Standard Pages (ČLT-K506L/ELS) *Declared Yield Value in accordance with ISO/IEC 19798 Yellow/Magenta/Cyan Toner Cartridge Yield: 1,500 Standard Pages (Ships with 1,500 Pages Starter Toner Cartridge), Oyan Toner (CLT-C506S/ELS), Magenta Toner (CLT-M506S/ELS), Yellow Toner (CLT-Y506S/ELS) High Toner Cartridge Yield: 3,500 Standard Pages, Oyan Toner (CLT-O506L/ELS), Magenta Toner (CLT-M506L/ELS), Yellow Toner (CLT-Y506L/ELS) *Declared Yield Value in accordance with ISO/IEC 19798* Transfer Belt Approx. 10,000 Pages Waste Toner Container Approx. 14,000 images (Mono) / 3,500 images (Colour) (CLT-W506/SEE) Option	Accessories	
Yellow/Magenta/Cyan Toner Cartridge High Toner Cartridge Yield: 3,500 Standard Pages, Oyan Toner (CLT-V506L/ELS), Magenta Toner (CLT-V506L/ELS), Yellow Toner (CLT-V506L/ELS) Transfer Belt Approx. 100,000 Pages Waste Toner Container Approx. 14,000 images (Mono) / 3,500 images (Colour) (CLT-W506/SEE) Option	Black Toner Cartridge	Standard Toner Cartridge Yield: 2,000 Standard Pages (CLT-K506S/ELS) (Ships with 2,000 Pages Starter Toner Cartridge), High Toner Cartridge Yield: 6,000 Standard Pages (CLT-K506L/ELS) "Declared Yield Value in accordance with ISO/IEC 19798
Waste Toner Container Approx. 14,000 images (Mono) / 3,500 images (Colour) (CLT-W506/SEE) Option	Yellow/Magenta/Cyan Toner Cartridge	High Toner Cartridge Yield: 3,500 Standard Pages, Cyan Toner (CLT-C506L/ELS), Magenta Toner (CLT-M506L/ELS), Yellow Toner (CLT-Y506L/ELS)
Option	Transfer Belt	Approx. 100,000 Pages
·	Waste Toner Container	Approx. 14,000 images (Mono) / 3,500 images (Colour) (CLT-W506/SEE)
Outline	Option	
Uptions 520-sheet Cassette (CLP-S680A/SEE) / IEEE 1284 Parallel Connector (ML-PAR100/SEE) / 512MB Memory upgrade (MLTMEM370/SEE)	Options	520-sheet Cassette (CLP-S680A/SEE) / IEEE 1284 Parallel Connector (ML-PAR100/SEE) / 512MB Memory upgrade (ML-WEM370/SEE)





















For more information, please visit www.samsung.com/printer

