



Quality colour printing for optimum performance and maximum efficiency



Samsung Colour Laser Printer **CLP-670N/670ND**



Why Samsung and Our Partners?



Here at Samsung Print, our aim is to give our customers performance, without complexity. Working with the right print supplier is one thing. Working with the right print partner is quite another. At Samsung Print, we're rapidly gaining market share for being just that – the right partner, with a breadth of leading-edge print products and solutions that are rightly gaining the recognition they deserve.

Our heavy investment in R&D is an ongoing commitment. The work we do here puts us at the forefront of the office print industry. We manufacture much of the technology that goes into many of the market-leading printers, including of course, our own – from memory chips and hard drives to LCD screens and communications technology. In recent years, the Samsung Print business has seen rapid growth. We're number two in the global and European laser printer shipments markets, the fastest growing company in the sector.

It's not all about growth though. It's our total printing approach that really matters – solutions, supplies and services wrapped around a hardware portfolio spanning individual user printers to small workgroup and departmental printers – meeting the demands of all office users. From some of the world's smallest colour printers, to one of the fastest A4 digital MFPs with the sleekest design to hit the world of printing, Samsung Print is always looking for new, innovative ways to invigorate our customers and reinforce our partnership credentials.

Beyond our print devices, Samsung printing solutions provide document, device and security management for streamlined workflow and efficient printer performance. Samsung's goal is to increase efficiency and flexibility for corporate environments by providing intelligent solutions to everyday business challenges. By proactively managing the use of printers, Samsung Print helps our customers to meet cost, complexity and compliance requirements every day.

Samsung Partners – Making a Difference

To ensure the successful planning, selection, deployment and support of Samsung's world-class products and solutions, we recommend you work with one of our certified reseller Partners. Samsung's qualified and trusted reseller Partners are authorised to consult and sell our products and solutions, and can offer additional expertise and value. The knowledge and experience of Samsung Partners provides the reassurance that you'll receive the ideal solution at the right price, and the confidence that your print investment is in safe hands.

Introducing the Samsung CLP-670N/670ND



Why Buy the Samsung CLP-670N/670ND?

Reliability

- Power saving features for a reduction in energy consumption.
- Delivers professional prints time and time again.
- Ample paper handling of 250 sheets.

Usability

- Monthly Duty Cycle delivering consistent, high quality printing for up to a maximum of 80,000 sheets per month.
- Simplified printing with the easy to use navigation key features.

Performance

- Process, store and handle print jobs easily by using the 700MHz CPU and 256MB (768MB) RAM.
- Print speed of 24ppm as well as a First Page Out Time of less than 13 seconds.
- Excels in its printing capability by featuring a resolution level of 9,600 x 600 dpi for consistent professional documents.

Fast, High Performance Colour Printing

The Samsung CLP-670N/670ND 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-670N/670ND 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 13 seconds and print speeds of 24ppm. For high levels of performance – without the large price tag – the Samsung CLP-670N/670ND is an ideal option for fast and efficient office printing.

Samsung CLP-670N/670ND Features Summary

- Instant Fusing technology for faster printing and lower power consumption
- Fast FPOT of 13 seconds
- Power saving from 120w down to 22w**
- Duplex printing*
- Variety of paper formats from A6 to A4
- 9,600 x 600 dpi
- Less than 52dBA (printing).

*CLP-670ND only **in 'Ready' Mode



Product Specification

Print	CLP-670N	CLP-670ND
Speed	Up to 24ppm in A4 mono and colour	
Resolution	Up to 9,600 x 600 dpi effective output	
First Page Out Time	Less than 13 seconds (in mono and colour from Ready mode)	
Emulation	PostScript3, PCL6	
Duplex	-	Built-in
Paper Handling		
Input Capacity	250-sheet Cassette Tray @ 80g/m ² , 100-sheet Multi-Purpose Tray @ 80g/m ²	
Output Capacity	250 sheets @ 80g/m ²	
Maximum Capacity	850 sheets @ 80g/m ²	
Media Size	Standard Cassette Tray: 105–148mm (4.1" x 5.8") – 216 x 356mm (8.5" x 14"); Multi-Purpose Cassette Tray: 98 x 148mm (3.86" x 5.83") – 216 x 356mm (8.5" x 14"); Optional Cassette Tray: 176–250mm (6.9" x 9.8") – 216 x 356mm (8.5" x 14")	
Media Type	Plain Paper, Thick, Thicker, Extra Thick, Thin, Cotton, Archive Paper, Bond, Card Stock, Labels, Pre-printed, Colour Paper, Envelope, Recycled, Transparency, Glossy 111–130g, Glossy 131–175g, Glossy 176–220g	
General		
Processor	700MHz	
Memory/Storage	256MB (max.768MB)	
OS Compatibility	Windows 2000/XP/2003/Vista (include 64bit)/Windows 7, Windows Server 2008 R2; Various Linux OS including Red Hat 8.0–9.0, Mandrake 9.2–10.1, SuSE 8.2–9.2 and Fedora Core 1–4; Mac OS X 10.3–10.6; Citrix Presentation Server, Windows Terminal Services	
Interface	USB 2.0 and Ethernet 10/100 Base TX	
Noise Level	Less than 54dBA (colour and mono printing); Less than 52dBA (standby)	
Power Consumption	Less than 22W (ready); Less than 560W (average)	
Maximum Duty Cycle (monthly)	80,000 pages	
Average Monthly Page Volume (AMPV)	4,000 pages	
Dimensions (W x D x H)	441.5 x 431 x 425mm	
Weight	27Kg (59.52lb)	
Supplies		
Black Toner Cartridge	Standard average cartridge yield 2,500 pages (CLT-K5082S); High average cartridge yield 5,000 pages (CLT-K5082L), (ships with 2,500 pages Standard Toner Cartridge). Declared yield value in accordance with ISO/IEC 19798	
Yellow/Magenta/Cyan Toner Cartridge	Standard average cartridge yield 2,000 pages (CLT-C5082S, CLT-M5082S, CLT-Y5082S); High average cartridge yield 4,000 pages (CLT-C5082L, CLT-M5082L, CLT-Y5082L), (ships with 2,000 pages Standard Toner Cartridge). Declared yield value in accordance with ISO/IEC 19798	
Accessories		
Options	Cassette Tray (500-sheet), (CLP-S670A); Duplex (CLP-U670A), (CLP-670N only) Memory: 128MB (ML-MEM150), 256MB (ML-MEM160), 512MB (ML-MEM170)	

Back View



Control Panel

Multi-purpose Tray

Paper Level Indicator

Standard Tray

Optional Tray



Key Features



Control Panel Functions

- 1 Display
- 2 Navigation Ring Key
- 3 Stop
- 4 Power Save/ On-Off Button
- 5 Job Status LED

Productivity and Performance

- **Performance** – the Samsung CLP-670N/670ND excels in its printing capability. It features 24ppm print speed, a First Page Out Time of less than 13 seconds, a resolution level of 9,600 x 600 dpi and a glossiness level of 6, providing you with consistent professional looking documents.
- **Enhanced Specification** – with a 700MHz CPU and a generous 256MB (768MB) of RAM, the Samsung CLP-670N/670ND means print jobs are quickly processed and easily stored. Therefore making it suitable for the most demanding office environment.
- **Paper Handling** – storage of 250 sheets of paper at one time, and a 100-sheet Manual Tray allows users to spend less time on paper refills. The variety of available paper formats – from A6 to A4 also ensures that all printing requirements are covered, and productivity can be further increased by the optional 500-sheet cassette tray.
- **Instant Fusing** – Samsung's Instant Fusing technology reduces the amount of time needed for the printer to warm up. This means a faster First Page Out Time and longer lasting copies.

Easy to Manage and Maintain

- **Smooth Network Integration** – the Samsung CLP-670N/670ND is network ready and easy to integrate into your IT infrastructure. Supports the next generation of Internet Protocol, IPv6.
- **Simple Navigation** – Samsung's unique Blue Compass Navigation is easy to learn and easy to use, simplifying printing. Intuitive menus and buttons give users instant access to all the different print functions and controls.

- **Samsung Easy Colour Manager** – Easy Colour Manager allows users to adjust colour balance, brightness, contrast and saturation of any image that you view on your monitor. It can be especially useful if you have specific colour preferences, or if your company has its own brand requirements.

Cost Effective

- **Power Save Mode** – reduces the cost of printing and lowers the temperature of the machine, creating a more durable environment for the printer components. Less wear and tear means extended quality of print and fewer replacement parts needed.
- **Toner Management** – with the Toner Save Mode users can monitor and effectively limit toner usage for a cost effective business solution. Using less toner on each page can extend cartridge life, significantly reducing costs per page, and helping to meet environmental standards.
- **Duplex Printing*** – the Samsung CLP-670ND includes Samsung's Duplex technology, allowing for efficient and economical printing.
- **Energy Efficient** – Samsung's Instant Fusing technology utilises low energy lamps for heating the internal print roller rather than the traditional high energy heating elements. This allows for a more energy efficient and faster printer.

*Samsung CLP-670ND only



Samsung Original Supplies

Samsung's Step-by-Step Approach



Why Samsung Original Supplies?

Samsung printers are optimised to work most efficiently with Samsung original supplies, for quality results time after time, users will benefit from:

- High quality prints
- Longer lasting cartridges that save money
- Recycling used cartridges

Need More Reasons? You'll Get:

- **Value for your money** – by using original Samsung cartridges, you'll not only get great prints, you'll also maximise the number of pages they can print.
- **Superior engineering** – many Samsung cartridges include exclusive design features that optimise performance.
- **Professional-looking prints** – Samsung original supplies produce brilliant and evenly printed colour on high-quality printouts 97% of the time. But, only 80-88% of prints made with remanufactured cartridges are good quality.
- **Quiet operation** – genuine Samsung original supplies are designed to optimise Samsung's advanced NO-NOIS™ technology resulting in some of the world's quietest laser printers.
- **Protect yourself against counterfeit toner cartridges** – get outstanding prints with genuine Samsung original supplies.

Make the Smart Choice

Samsung's ongoing analysis shows that buyers of re-manufactured cartridges end up paying significantly higher per page costs and overall operating costs (as much as 35% higher) compared to using Samsung genuine toner supplies. Samsung original supplies guarantee high quality for every print and won't damage your printer.

Samsung Takeback and Recycling (S.T.A.R.) Programme

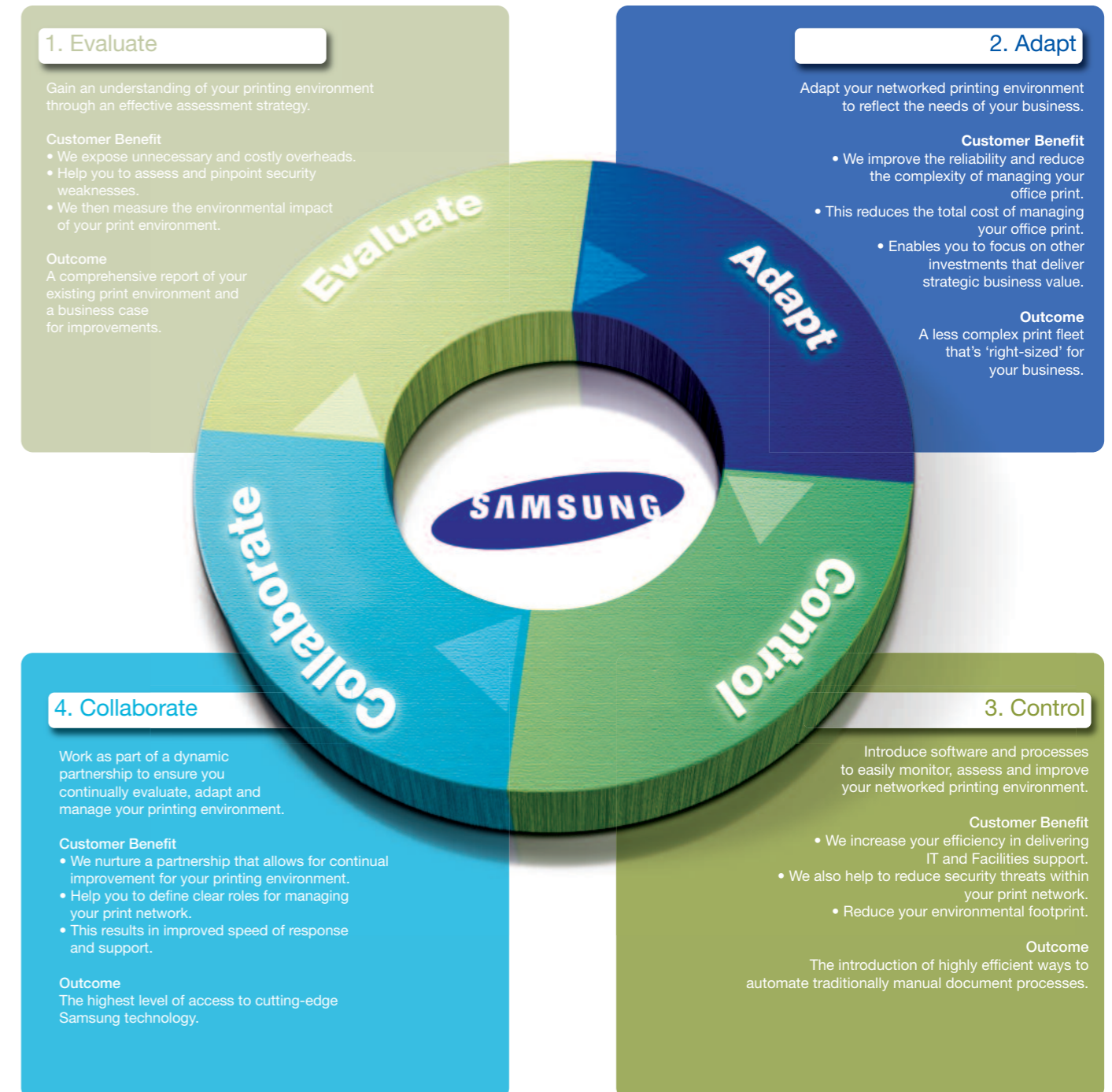
According to a recent study by Infotrends, nearly half of all used OEM toner cartridges in the U.S. and Western Europe are thrown out instead of being recycled. With Samsung's Free Takeback and Recycling (S.T.A.R.) programme, Samsung makes it easy to recycle.

1. Package your used toner cartridge in to the box that came with your new toner, and seal it with clear tape. Please ensure only one toner cartridge is in each box.
2. Log on to www.samsung.com/star and click on 'Print Label'.
3. Fill in the online form with your details and submit it. After a short delay we will email you a complimentary return label in PDF format. (Note that this label can only be used once, so please follow this process for each toner cartridge return.)
4. Drop the package off at your nearest Post Office, or include it in your normal outbound mail procedure.

Samsung will recycle all old cartridges properly, making sure they don't end up incinerated or in a landfill. Samsung even recycles the box.

Samsung original supplies don't just optimise printer's performance, they also help the environment.

For more information please visit www.samsung.com/star





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Printing solutions
as easy as

