



Increased productivity,  
enhanced colour prints



Samsung Colour Laser Printer  
CLP-620ND/670N/670ND





Control Panel Components



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

Standard



1. Control Panel
2. Multi-purpose Tray
3. Standard Tray
4. Optional Tray
5. Paper Level Indicator
6. Out Tray
7. USB Port
8. Network Port
9. Tray2 Port
10. Power Switch
11. Toner Receptacle

## Samsung Colour Laser Printer CLP-620ND/670N/670ND

Efficient performance, ease of use

Samsung's focus on high specification and quality colour prints has shaped the development of this compact and durable printer range. When your business demands high levels of performance – without the large price tag – the Samsung CLP-620ND/670N/670ND is an ideal option. The Samsung CLP-620ND/670N/670ND offers consistently outstanding colour prints and minimises operational costs.



# Efficient colour printing for maximum productivity

With Samsung's CLP-620ND/670N/670ND range you get the benefit of a high quality and simple colour printer. The Samsung CLP-620ND/670N/670ND range offers your business effective print productivity. Enhanced colour quality and superior specifications offer a more advanced print solution. Low maintenance, high speed and intelligent resolution features create an economical yet user-friendly colour printer.

## Colour technology suitable for a demanding office environment

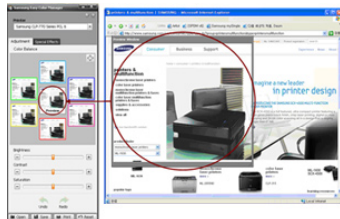
Improved colour technology delivers colour adjustments and uniformity for versatile and high quality document output.

### • Samsung Easy Colour Manager



Easy Colour Manager allows users to easily 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.

- You can get an image from anywhere on your screen.
- You can extend or reduce the size of preview window.
- You can adjust colour tone of the image that you grabbed.
- You can save your toner or paper by selecting the precise area to print.



### • Samsung's Real-Time Calibration Technology



Samsung's Real-Time Calibration Technology ensures documents are printed to a consistently high colour quality. However, when dealing with important documents that require special attention, users can choose to manually define the colour quality that will appear on their documents. The enhanced CTD (Color Toner Density) sensor\* ensures colour output is always clear, sharp and professional.

\* CTD sensor refers to CLP-670N/670ND only.

### • High Resolution

Communication is key in any business. Colour Print quality can make your company stand out. The Samsung CLP-620ND/670N/670ND range excels in its printing capability by featuring a resolution level of 9600x600 dpi and high glossiness level, providing you with consistent professional documents.



## Outstanding performance for the demanding office environment

### • High Speed

Users benefit from a high speed printer that offers high resolution document printing. The Samsung CLP-620ND/670N/670ND range has a 20-24ppm print speed as well as a First Page Out Time of as fast as 13 seconds\*.

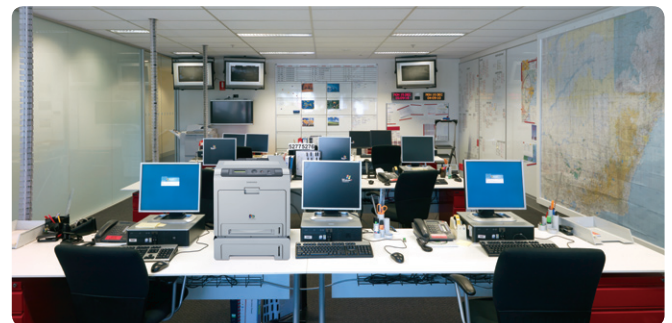
\*13 seconds refers to CLP-670N/670ND only.



### • Enhanced Specification

With a 360/700MHz CPU\* and a generous 256MB memory, the Samsung CLP-620ND/670N/670ND range makes print jobs easy to process, store and handle. The added features and processing power mean it's suitable for the most demanding office environment.

\* 700MHz CPU refers to CLP-670N/670ND only.



### • Smooth Network Integration

Conveniently network ready the Samsung CLP-620ND/670N/670ND range is easy to integrate into your IT infrastructure right from the box. They also include support for the next generation Internet protocol (IPv6), giving you assured integration capability with IT networks of the future.



# For an office environment that believes in economical and efficient quality

## Economical for your business environment

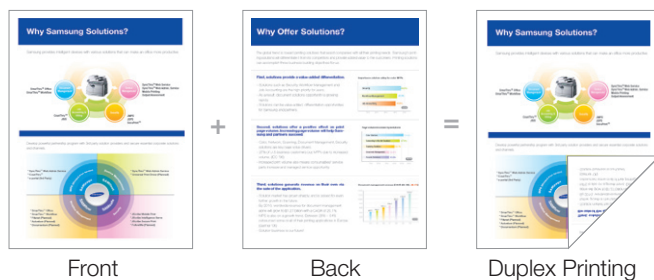
### • Toner Management

With the Toner Save mode you can monitor and effectively limit your toner usage for a cost effective business solution. Using less toner on each page can extend your cartridge life, significantly reducing your cost per page and helping to meet environmental standards.



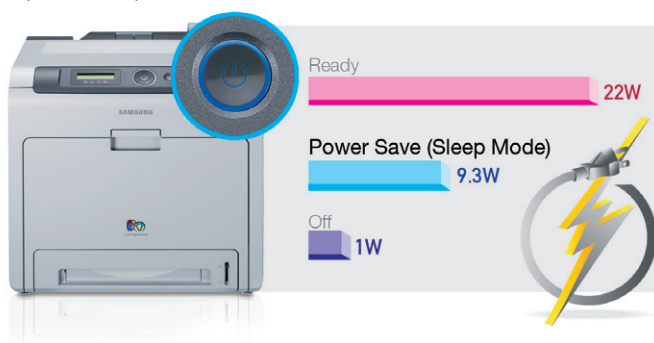
### • Duplex Printing

The Samsung CLP-620ND/670ND range includes Samsung's Duplex technology, allowing for efficient and economical printing. Samsung's Toner Save function ensures that cartridges last longer, giving you the same high quality with less ordering and downtime.



### • 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 and fewer replacement parts needed.



## The Samsung CLP-620ND/670N/670ND range offers simple and effective printing

### • Blue Compass Navigation

Samsung's unique Blue Compass Navigation is easy to learn and even easier to use, so you can be more productive, more quickly. The navigation array gives you instant access to all the different print functions and controls. Simple, intuitive menus and buttons add to the savings in training and troubleshooting time. User-friendly GUI screens make operations quick and easy, and printer control panels have everything covered, including job status, toner level, paper jam, paper empty and cover open alerts.



### • Paper Handling

Storage of 250 sheets of paper at one time as well as 100 sheet Multipurpose Tray. This means less time is spent filling paper trays and with the variety of available paper formats – from A6 to Legal – you're always ready to print.



### • Easy to Maintain

The Samsung CLP-620ND/670N/670ND range also offers a choice of consumables to meet your cash flow needs. High yield toner cartridges, which are ideal for heavy users, last longer and give you lower costs per page. Optionally, low yield toner cartridges have the advantage of a lower initial outlay.





# The professional solution centre

Professional colour prints give businesses an effective winning edge. Samsung's CLP-620ND/670N/670ND range provides high speed colour printing which increase productivity and maintain economic running costs.

## SyncThru™ Admin 5

SyncThru™ Admin 5 device management solution allows IT managers to easily manage and monitor all printer and MFP devices on the network. SyncThru™ Admin 5 enhances productivity with efficient and time-saving device management tools such as remote settings modification and driver distribution. The service can also include job accounting, usage monitoring, authentication, and storage management.

Fleet Management for Multiple Network Printers	Device Discovery	E-mail Notification	Modify Admin Settings	Report Generation Supported by Plug-In

## SyncThru™ Web Service

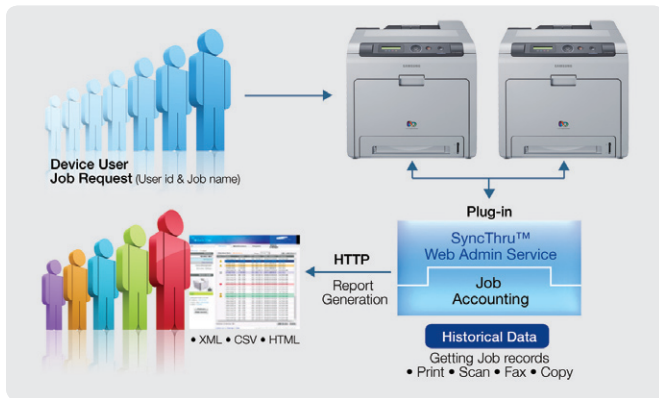
SyncThru™ Web Service is easily and remotely accessible through a web browser and provides administrators with the ability to change network and individual printer settings, upgrade firmware and view your network printer status.

How SyncThru™ Web Service Operates

Screenshot of Web Browser

## Job Accounting Plug-in for SyncThru™ Admin 5.0

The Job Accounting Plug-in for SyncThru™ Admin 5.0 is a usage monitoring and tracking solution for printers and MFPs. The system manages devices and user accounts allowing you to view job accounting information and statistics. This system provides a cost effective and efficient solution. Authorised users can completely manage data and control access with ease.



## Secure print without the need for Hard Disk Drive (HDD)

With the addition of optional memory (taking your printer from 256MB up to 768MB) the CLP-670N/670ND range is able to encrypt files directly on to the machine offering less chance of failure and ensures quicker, more secure printing.

## Samsung Fine Edge Technology

The edges of fonts appear crisper and clearer, producing a more professional looking document. The Fine Edge function creates precise and tidy documents for ultimate readability.

## 93 PCL Font

A Printer Command Language of 93 sets of fonts allows for more creative documents. Users can create more original and imaginative documents due to the wider choice of fonts.



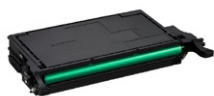


# Specifications

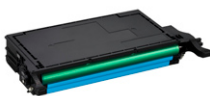
	CLP-620ND	CLP-670N	CLP-670ND
<b>Print</b>			
Speed (Mono)	Up to 20ppm in A4 (21ppm in Letter)		Up to 24ppm in A4 (25ppm in Letter)
Speed (Colour)	Up to 20ppm in A4 (21ppm in Letter)		Up to 24ppm in A4 (25ppm in Letter)
First Print Out Time (Mono)	20 seconds (From ready mode)		13 seconds (From ready mode)
First Print Out Time (Colour)	20 seconds (From ready mode)		13 seconds (From ready mode)
Resolution		Up to 9,600 x 600 dpi effective output	
Emulation	PCL5c, PCL 6, SPL-C		PostScript 3, PCL5c, PCL 6
Duplex	Built-in	Optional	Built-in
<b>Paper Handling</b>			
Input Capacity and Types		250-sheet Cassette, 100-sheet Multi-Purpose Tray	
Output Capacity and Type		200-sheet Face Down	
Media Size		76 x 127 mm (3" x 5") ~ 216 x 356 mm (8.5" x 14")	
Media Type		Envelopes, Labels, Card Stock, Bond, Archive	
<b>General</b>			
Processor	Samsung CHORUS3 360 MHz		Samsung SPGPV4 700MHz
Memory/Storage	256 MB (Max. 512 MB)		256 MB (Max. 768 MB)
OS Compatibility		Windows 7/2000/XP/2003/Vista, 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, Ethernet 10/100 Base TX	
Noise Level	Less than 51 dBA (Colour printing & B/W printing) Less than 35 dBA (Stand by)		Less than 52 dBA (Colour printing & B/W printing) Less than 35 dBA (Stand by)
Duty Cycle, Monthly	65,000 pages		80,000 pages
Dimension (WxDxH)		441.5 x 431 x 425 mm (17.4" x 17" x 16.7")	
Weight		27 kg (59.52 lbs)	

# Supplies and Options

<b>Black Toner Cartridge</b>		Average Continuous Black Cartridge Yield High Yield : 5,000* standard pages Standard Yield : 2,500* standard pages (ships with 2,500 pages Standard Toner Cartridge)	
<b>Yellow/Magenta/ Cyan Toner Cartridge</b>		Average Continuous Yellow/Magenta/ Cyan Cartridge Yield High Yield : 4,000* standard pages Standard Yield : 2,000* standard pages (ships with 2,000 pages standard Toner Cartridge)	
<b>Imaging Unit</b>		N/A	
<b>Transfer Belt</b>		CLT-T508	
<b>Waste Toner Container</b>		N/A	
<b>Others</b>	128MB Memory : CLP-MEM201 256MB Memory : CLP-MEM202 Second Cassette Feeder : CLP-S670A	128MB Memory : ML-MEM150 256MB Memory : ML-MEM160 512MB Memory : ML-MEM170 Second Cassette Feeder : CLP-S670A Duplex Unit : CLP-U670A	128MB Memory : ML-MEM150 256MB Memory : ML-MEM160 512MB Memory : ML-MEM170 Second Cassette Feeder : CLP-S670A



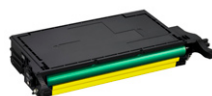
CLT-K508L (EU:K5082L)  
Black Toner Cartridge



CLT-C508L (EU:C5082L)  
Cyan Toner Cartridge



CLT-M508L (EU:M5082L)  
Magenta Toner Cartridge



CLT-Y508L (EU:Y5082L)  
Yellow Toner Cartridge



CLT-T508  
Paper Transfer Belt



CLP-S670A  
Second Cassette Feeder

\* Declared yield value in accordance with ISO/IEC 19798

