About Samsung Electronics

Samsung Electronics Co., Ltd. is a global leader in semiconductor, telecommunication, digital media, and digital convergence technologies.

Samsung Electronics produces TVs, memory chips, mobile phones, displays, PCs, and home appliances. Employing over 150,000 people in 134 offices across 62 countries, Samsung Electronics businesses include Digital Media, LCD, Semiconductors, Telecommunications, and Digital Appliances.

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CLP-415NW
Colour Laser Printer

For your daily life & every business

Boost your business' performance in true colour

In today's information driven world it's all about conspicious communication - fast, timely and in outstanding quality.

With the CLP-415NW every business can now boost its performance and start a new way of communication. Create professional-looking colour documents at impressive speeds with this easy to operate and economical small workgroup device.

Easy operation guaranteed through its 2 line LC-Display and intuitive 5 key compass navigation. Plus, smart software support tools that help you spend more time on your job.

Make your business communications stand out more with up to 9,600x600 dpi resolution, Samsung's new ReCp (rendering for clean pages) technology and a super-fine and glossy polymer toner.

No matter what business you're in with its 18/18ppm single pass engine and its ultra fast Dual CPU this small workgroup printer was made to help you perform.

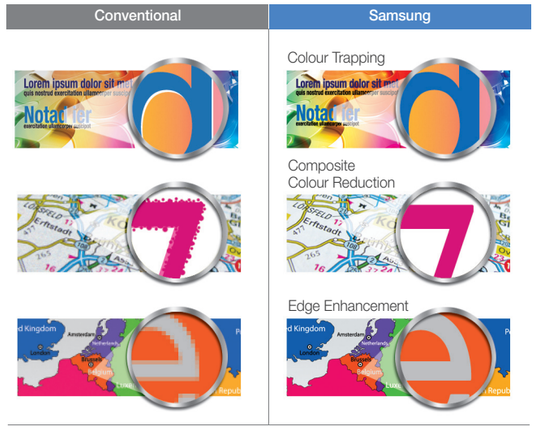
A reliable business partner you can afford. With its high quality components and low toner price it keeps your running costs down.

True colour quality in your office

Your business shouldn't have to settle for second best. You demand every presentation and document to look professional and sleek. Thanks to Samsung's innovative way of thinking, it can.

Enjoy quality printouts

Samsung's unique **ReCP (Rendering Engine for Clean Page)** Technology and **Up to 9600x600 dpi effective output** improve the overall quality and vibrancy of your colour printing, ensuring every printout looks perfect. It automatically sharpens the focus of both graphics and text, while solid objects are overlapped to eliminate white gaps.



Polymerized toner

Our newly developed polymerized toner has smaller and more uniform particles than conventional toner. Your printouts will have crisper lines and more vivid colours, in addition to eliminating paper curling. Also, its higher wax content improves the image gloss and enhances the durability preventing unwanted fading.

New image processing technology and polymerizer toner for professional looking colour documents that stand out

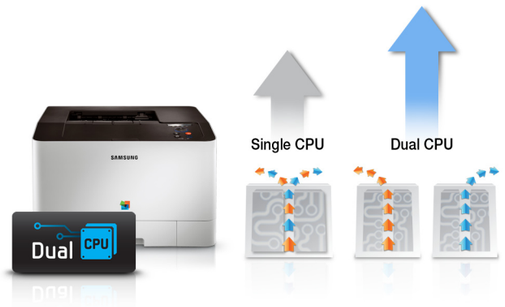
Make the toughest print job effortless and speedy

A higher level of printing performance

Accelerating your business' productivity begins with your printer. With its 18/18 pages per minute output and a first page out time of just 16 seconds the CLP-415NW doesn't let you down.

More power, better productivity

With the power of two cores the device can process your work files simultaneously and therefore with higher speeds. The 256MB memory ensures even heavy printing documents are spooled faster and you don't have to wait long for your print outs. What all this means for you is simple: the CLP-415NW is perfect when there's a lot to print and a tight deadline to meet.



Faster transmission, flexible integration

Enhanced Gigabit Ethernet technology lets you enjoy a faster transmission of print data through the network. And great news if your business has a range of different softwares and networks. Built-in PCL6, PS3, PDF emulation support ensures utmost compatibility.

Your business can power through even the biggest documents with a Dual CPU and 256MB memory

Producing quality colour documents has never been simpler

An easier user experience for you

Your time is too precious to waste standing around a printer for hours on end. So from operation to support software tools, you're in total control with this easy to use small workgroup printer.

Easy Operating Panel

With the CLP-415NW's 2 line liquid crystal display and intuitive 5 key compass navigation you can control the device's status, browse the menu and access each unique feature with ease.

Simple wireless printing

Just one touch of the WiFi Protected Setup (WPS) button and your CLP-415NW will connect quickly and securely to your wireless network. And with our easy 3 step mobile printing application enjoying vibrant colour output from all your mobile devices is then easier than ever.

Easy toner replacement

It's all made easier with a push loading drawer. What's more, the high yield cartridges mean fewer changes.

Smart Software Support

The printer also brings you software support designed to put you in control of delivering ultimate quality printouts easier than ever before.

Easy colour management

The Samsung Easy Colour Manager allows you to adjust the colour balance, saturation, brightness or contrast of any image prior to printing. Perfect for matching the exact colours of your company logo every time.

Remote device control

For maximum control Easy Printer Manager lets you manage all your devices from one location. Check device and toner status, change device settings or set alerts.

Fast and easy wireless set up through the WiFi Protected Setup button

Economy and reliability you can count on

Your reliable business partner

Thanks to the latest technology and high quality components, you'll find the CLP-415NW is as dependable as they come, even during the toughest print jobs.

Anti-jam roller

We've developed our reliable anti-jam friction roller to minimise the risk of mis-feeds and paper jams. Better still, it allows handling of heavier paperweights, including card, up to 220g/m^2 from the standard cassette tray.

Dependable under pressure

You know how important it is for your printer to deliver, particularly during those high-pressure jobs. That's why a 40,000 images monthly duty cycle means it can handletemporary peak print times with ease.

Media handling up to 220g/m^2 and significantly higher reliability with anti-jam paper feeding technology

Samsung Eco-Driver earned *the 2012 "Outstanding Achievement"* Award from Buyers Lab, Inc.

Cost effective printing with every job

Be in control of your printing cost during the printer's entire time of operation. Low costs per page that keep your running costs low for the time you do business.

High yield, low costs

Higher yield cartridges means more time between changes, saving you time, while low toner costs means less cost for every page. You'll find the Total Cost of Ownership is slashed.

Less power, less to pay

There is more money to be saved by reducing power consumption. Our innovative polymerized toner requires a lower fusing temperature, resulting in less energy consumption. And the Dual CPU needs less energy to do its job as well. In fact, with a typical energy consumption of only 1.2 kWh - as measured by the Energy Star - the CLP-415NW ranks among the top models of its class.

Eco printing

One push of the Eco button and you can make use of all the smart eco functions that can be individually set through the printer driver. Print multiple pages on one sheet, change to toner save mode, skip blank pages or print in grey scales instead of full colour. It's all there to save you paper, toner, energy and money right away.

Technical details made to support your business

Specifications

Model Code	**Samsung CLP-415NW**
Print	
Speed (Mono / Colour)	Up to 18 ppm in A4 (19 ppm in Letter)
First Print Out Time (Mono / Colour)	Less than 16 seconds (From Ready Mode)
Resolution	Up to 9,600 x 600 dpi effective output (600 x 600 x 4bit)
Emulation	SPL (Samsung Printer Langauge), PCL5Ce, PCL6C, PS3, PDF V1.7
Duplex	Manual
Paper Handling	
Input Capacity and Types	250-sheet Cassette, 1-sheet Multi Purpose Tray
Output Capacity and Type	100-sheet Face Down
Media Size	A4 / A5 / A6 / Letter / Legal / Oficio / Folio / JIS B5 / ISO B5 / Executive / Statement / Index Card Stock / Postcard / Envelope (Monarch, No-10, DL, C5, C6, No 9) Custom [76 x 127mm (3.0" x 5.0") ~ 216 x 356mm (8.5" x 14")]
Media Type	Plain / Thin / Thick / Cardstock / Hole Punched / Transparency / PrePrinted / LetterHead / Recycled / Archive / Bond / Label / Envelope / Cotton / Colored / Glossy / Thicker Paper
Envelope Capacity	Up to 20-sheet
General Feature	
Processor	Dual CPU (Main: 533 MHz / Sub: 150 MHz)
Display	2-Line LCD
Interface	Hi-Speed USB 2.0 / 10/100/1000 Base Tx / Wireless 802.11 b/g/n
Noise Level	Less than 50 dBA (Printing) / Less than 32 dBA (Standby)
Memory / Storage	256 MB
OS Compatibility	Window XP (32/64bit) / 2003 Server (32/64bit) / Vista (32/64bit) / 2008 Server (32/64bit) / 7 (32/64bit) / 2008 Server R2 Mac OS X 10.4 - 10.7 / Various Linux, Unix OS Compatible
Monthly Duty Cycle	Up to 40,000 images
Dimension (W x D x H)	420 x 426 x 264 mm (16.5" x 16.8" x 10.4")
Weight	16.62 kg (36.64 lbs)
Power Consumption	380 W (Printing) / 50 W (Standby) / 1.5 W (Power Save) / 1.2kWH (TEC)
Consumables	
Black Toner Cartridge	Average Cartridge Yield 2,500 *Standard pages (Ships with 1,000 pages Starter Toner Cartridge) *Declared cartridge yield in accordance with ISO/IEC 19798
Yellow/Magenta/Cyan Toner Cartridge	Average Cartridge Yield 1,800 *Standard pages (Ships with 700 pages Starter Toner Cartridge) *Declared cartridge yield in accordance with ISO/IEC 19798
Transfer Belt	UP to 100,000 Pages
Waste Toner Container	Approx. 14,000 images (Mono), 3,500 images (Color)
Option	
Option	512MB Memory