imagine high performance coupled with maximum efficiency

Imagine a colour laser printer that maximizes output and reduces the total cost of operation. By adding Samsung's colour laser printer to your business, you'll achieve both. The CLP-610ND/660N/660ND reduces overall operational costs by delivering a low cost per page and efficiency with the built-in duplex* feature for reducing paper consumption. And with fast printing speeds and industry platform compatibility with PCL emulation you can keep your entire business running smoothly. The bottom line is that with the Samsung colour laser printers handling your printing needs, you'll achieve more for less. With the Samsung CLP-610ND/660N/660ND, it's not that hard to imagine.

* Built-in duplex is standard for the CLP-610ND/660ND and optional for the CLP-660N.

Samsung Colour Laser Printer CLP-610ND/660N/660ND

SAMSUNG

Colour *Laser Printer*

CLP-610ND / CLP-660N / CLP-660ND

Components

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

Control Panel Components

1. **Display** 2. **Status LED** 3. **Menu** 4. **OK** 5. **Back** 6. **Stop**

Series at a Glance

		CLP-610ND	CLP-660N	CLP-660ND
Speed	**B&W**	up to 20 ppm in A4	up to 24 ppm in A4	up to 24 ppm in A4
	Colour	up to 20 ppm in A4	up to 24 ppm in A4	up to 24 ppm in A4
Memory	**Std.**	128MB	128MB	128MB
	Max.	384MB	640MB	640MB
Duplex		Built-in	Optional	Built-in

Profit from cost effective and productive features

Realize Efficient Productivity

Maximize efficiency with low maintenance

Get the benefits from economical operations

Samsung CLP-610ND/660N/660ND achieves exceptional printing results while reducing total operating costs and realizing a low cost per page. Maximize efficiency for your business with the effective Samsung CLP-610ND/660N/660ND.
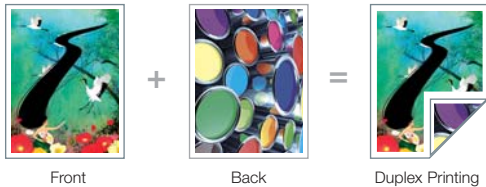
Save More!

Increase output and savings with duplex feature

Duplex printing saves time and paper, increasing your business' efficiency. You'll double your productivity while reducing paper consumption with the standard duplex feature.
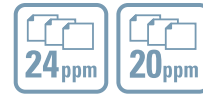(CLP-610ND/660ND only. Option on CLP-660N.)

Front + Back = Duplex Printing

Increase You Productivity

Maximize productivity with high speed output

Boost productivity with impressive printing speed

24ppm **20ppm** With high speed printing capability in mono and colour, your workflow demands will not suffer even when printing in colour. The CLP-610ND prints at 20 ppm while the CLP-660N/ND handles printouts at 24 ppm.

24/20 Pages Per Minute
60sec

High memory capacity for network efficiency

640MB A printer's memory capacity plus industry standard PCL emulation plays a key role in printing efficiency. High memory levels, PCL emulation as standard combined with fast printing speeds, achieve higher productivity. The memory on the Samsung CLP-660N/660ND can be expanded to a maximum of 640 MB. (CLP-610ND – max. of 384 MB)

Max. 640MB High Memory

Simplify document workflow with batch printing feature

Save valuable network, printer and PC resources with the Colour/Mono Batch Printing* feature. This innovative feature allows you to print both colour and black documents in one print job. Normally, to get colour and mono copies of the same document, you would need to send two separate print jobs. Samsung's batch printing feature lets you send one print job by selecting the number of colour and mono printouts thereby reducing time and effort.

* Batch printing feature is only supported with Windows OS.

One Print Job → Colour Mono

Reduce Productivity Downtime

Minimize maintenance with an efficient toner system

Streamlined design simplifies maintenance

Samsung reduced the number of supplies necessary for the the CLP-610ND/660N/660ND compared to alternative printers. Many colour laser printers require 4 colour cartridges, in addition to a drum, and a waste toner box leading to more periodic replacement and downtime. Samsung's innovative design requires only 4 colour cartridges, making it easier for you to maintain your colour laser printer.

* Remark: the waste toner box is integrated into the ITB (Image Transfer Belt) so it's replaced every time the ITB is replaced. Cartridges include both toner and drum head for each CMYK]
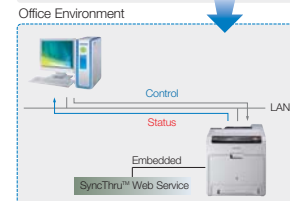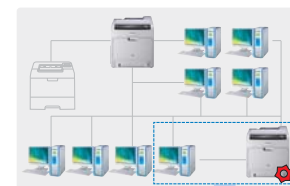
Only 4 Catriges
Less consumables, Less hassle

Device Management Solution

Manage printers and MFPs, reduce the support burden and maximize productivity with Samsung's feature rich SyncThru™ Web Service and SyncThru™ Web Admin Service remote management solutions.

SyncThru™ Web Service

SyncThru™ Web Service is an embedded web server that allows users to control Samsung printers and MFPs across the network through any standard web browser without additional software installation. This is a device management solution which provides the ability to configure and monitor a single network printer or MFP remotely.

Office Environment

Features
- Remotely configure and monitor network printer through web browser
- Print out various reports on network printer
- Upgrade printer and network card firmware
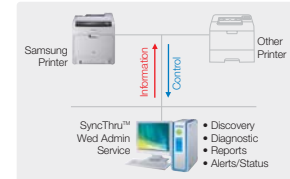
Benefits
- Effective monitoring tool for general users and IT administrator
- Easy to access and operate without additional software installation
- Convenient network and device configuration

How SyncThru™ Web Service Operates

Screenshot of Web Browser

SyncThru™ Web Admin Service

SyncThru™ Web Admin Service is a web-based fleet management solution that allows IT professionals to manage the network without leaving their desks. Configure printers, check device status, perform remote diagnostics, receive alerts when possible problems occur and change settings securely from a remote location.

Office Environment of Corporate

Features
- Fleet management for multiple network printers
- Provide device discovery
- Configure and monitor network printers remotely
- Automated firmware upgrade
- Provide useful features related to a variety of software plug-ins
- Report generator for usage metering of groups or users

Benefits
- Time and cost saving management tool for corporate customers
- Enhance productivity of device management
- Easy to install, access and operate
- Powerfully centralized tool for IT administrators with appropriate functions
- Easy to extend function range on demand by adding software plug-ins

How SyncThru™ Web Admin Service Operates

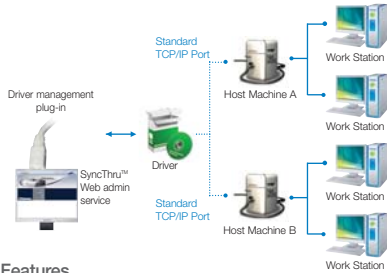Centralized remote Control for Devices

Device Management Solution

SyncThru™ Web Admin Service Plug-Ins

By adding plug-ins to SyncThru™ Web Admin Service Core, IT managers can enjoy a more powerful management tool for remote device management including non-network printers.

Remote Driver Installation Plug-In*

SyncThru™ installs driver and manages network printers.

Features
- Monitor availability of new driver versions for Samsung network printers and MFPs
- Download new version and store them in DriverManagement Plug-in database
- Install printer drivers in remote computers
- Configure printer drivers remotely on users' computers
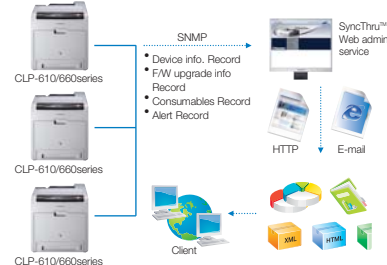- Delete printer drivers from remote locations

Benefits
- Convenient tool for administrator
- Drivers can be easily managed remotely so that IT managers can perfectly control the output environment
- Strong control for driver management

Report Generator Plug-In

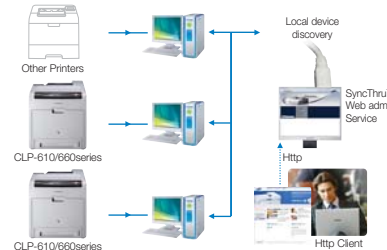SyncThru™ manages information and assists in generating reports.

Features
- Create reports in various formats
- Create reports in chart formats
- Generate periodical and summary reports
- XML, HTML and CSV format supported
- Status, usage data, alert history, accounting details and consumables information reported

Benefits
- Easy to view and manage at a glance

Local Device Discovery Plug-In*

SyncThru™ detects and manages non-network printers.

Features
- Discover devices which are connected to client machine via USB or LPT interface
- Provide discovery scheduling
- Provide detailed information about devices
- Group the devices and manage groups

Benefits
- Easy to install: No technical knowledge is required other than for driver installation
- Easy to operate: Software designed for ease of use
- Easy to manage locally connected printers and MFPs

★ Domain Environment needed

Consumable Management Solution

Smart Panel

Samsung's Smart Panel monitors each printer's status and informs the user if there is a problem or concern. If a problem occurs, the Solution animation pops up to give assistance. In addition to troubleshooting, Smart Panel allows the user to manage toner levels, buy toner online (available in limited countries) and configure printer settings conveniently.

i-ATOS

i-ATOS is an automatic toner ordering solution which monitors toner status, provides pop-up alerts, and emails IT manager when toner is under a specified level (10% or 20%). IT manager can search low toner information and initiate the toner ordering process automatically.

Features
- Monitor toner status in real-time
- Automatic pop-up messaging and email alerts which indicates the toner is below a certain level (5%-20%)
- Administrator can search low toner information, and set the toner ordering process automatically

Benefits
- Intelligent toner management enables users to produce documents with consistent quality
- Reduces machine down-time due to supply shortages and also reduces subsequent disruption to the workflow in the organization
- Reduces the number of interventions required from administrators

Specifications

	CLP-610ND	CLP-660N	CLP-660ND
Print			
Speed (Mono)	Up to 20ppm in A4 (21ppm in Letter)	Up to 24ppm in A4 (25ppm 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)	Up to 24ppm in A4 (25ppm in Letter)
First Print Out Time (Mono)	20 seconds	14 seconds	14 seconds
First Print Out Time (Colour)	20 seconds	14 seconds	14 seconds
Resolution	Up to 2,400 x 600 dpi effective output	Up to 2,400 x 600 dpi effective output	Up to 2,400 x 600 dpi effective output
Emulation	PCL 6, SPL-C	PostScript 3, PCL 6, SPL-C	PostScript 3, PCL 6, SPL-C
	(Samsung Printer Language Colour)	(Samsung Printer Language Colour)	(Samsung Printer Language Colour)
Duplex	Built-in	Optional	Built-in
Paper Handling			
Input Capacity and Types	250-sheet Cassette, 100-sheet Multi-Purpose Tray	250-sheet Cassette, 100-sheet Multi-Purpose Tray	250-sheet Cassette, 100-sheet Multi-Purpose Tray
Output Capacity and Types	200-sheet Face Down	200-sheet Face Down	200-sheet Face Down
Media Size	76 x 127 mm (3" x 5") ~ 216 x 356 mm (8.5" x 14")	76 x 127 mm (3" x 5") ~ 216 x 356 mm (8.5" x 14")	76 x 127 mm (3" x 5") ~ 216 x 356 mm (8.5" x 14")
Media Type	Envelopes, Labels, Card Stock, Bond, Archive	Envelopes, Labels, Card Stock, Bond, Archive	Envelopes, Labels, Card Stock, Bond, Archive
General			
Processor	Samsung CHORUS3 360 MHz	MIPS 533MHz + Samsung SPGPxm	MIPS 533MHz + Samsung SPGPxm
Memory / Storage	128 MB (Max. 384 MB)	128 MB (Max. 640 MB)	128 MB (Max. 640 MB)
OS Compatibility	Windows 2000 / XP / 2003 / Vista,	Windows 2000 / XP / 2003 / Vista,	Windows 2000 / XP / 2003 / Vista,
	Various Linux OS including Red Hat 8.0~9.0,	Various Linux OS including Red Hat 8.0~9.0,	Various Linux OS including Red Hat 8.0~9.0,
	Mandrake 9.2~10.1, SuSE 8.2~9.2 and	Mandrake 9.2~10.1, SuSE 8.2~9.2 and	Mandrake 9.2~10.1, SuSE 8.2~9.2 and
	Fedora Core 1~4, Mac OS X 10.3~10.4	Fedora Core 1~4, Mac OS X 10.3~10.4	Fedora Core 1~4, Mac OS X 10.3~10.4
Interface	USB 2.0, Ethernet 10/100 Base TX	USB 2.0, Ethernet 10/100 Base TX	USB 2.0, Ethernet 10/100 Base TX
Noise Level	Less than 51 dBA (Colour printing & B/W printing)	Less than 53 dBA (Colour printing & B/W printing)	Less than 53 dBA (Colour printing & B/W printing)
	Less than 29 dBA (Stanby)	Less than 29 dBA (Stanby)	Less than 29 dBA (Stanby)
Duty Cycle, Monthly	65,000 pages	80,000 pages	80,000 pages
Dimension (W x D x H)	432 x 432 x 426 mm (17" x 17" x 16.8")	432 x 432 x 426 mm (17" x 17" x 16.8")	432 x 432 x 426 mm (17" x 17" x 16.8")
Weight	25.6 kg (56.4 lbs)	25.6 kg (56.4 lbs)	25.6 kg (56.4 lbs)

Supplies and Options

	CLP-610ND	CLP-660N	CLP-660ND
Black Toner Cartridge	Average Continuous Black Cartridge Yield - High Yield : 5,500* standard pages - Standard Yield : 2,500* standard pages (ships with 2,500 pages Standard Toner Cartridge)	Average Continuous Black Cartridge Yield - High Yield : 5,500* standard pages -Standard Yield : 2,500* standard pages (ships with 2,500 pages Standard Toner Cartridge)	Average Continuous Black Cartridge Yield - High Yield : 5,500* standard pages - Standard Yield : 2,500* standard pages (ships with 2,500 pages Standard Toner Cartridge)
Yellow/Magenta/Cyan Toner Cartridge	Average Continuous Yellow/Magenta/Cyan Cartridge Yield - High Yield : 5,000* standard pages - Standard Yield : 2,000* standard pages (ships with 2,000 pages standard Toner Cartridge)	Average Continuous Yellow/Magenta/Cyan Cartridge Yield - High Yield : 5,000* standard pages - Standard Yield : 2,000* standard pages (ships with 2,000 pages standard Toner Cartridge)	Average Continuous Yellow/Magenta/Cyan Cartridge Yield - High Yield : 5,000* standard pages - Standard Yield : 2,000* standard pages (ships with 2,000 pages standard Toner Cartridge)
Imaging Unit	N/A	N/A	N/A
Transfer Belt	Approx. 50,000 pages	Approx. 50,000 pages	Approx. 50,000 pages
Waste Toner Container	N/A	N/A	N/A
Options	128MB Memory : CLP-MEM201 256MB Memory : CLP-MEM202 Second Cassette Feeder : CLP-S660A	128MB Memory : CLP-MEM101 256MB Memory : CLP-MEM102 512MB Memory : CLP-MEM103 Second Cassette Feeder : CLP-S660A Duplex Unit : CLP-U660A	128MB Memory : CLP-MEM101 256MB Memory : CLP-MEM102 512MB Memory : CLP-MEM103 Second Cassette Feeder : CLP-S660A

Black Toner Cartridge   Cyan Toner Cartridge   Magenta Toner Cartridge   Yellow Toner Cartridge   Paper Transfer Belt   Second Cassette Feeder   Duplex Unit

* Declared yield value in accordance with ISO/IEC 19798

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