

Savin®

CLP27DN/CLP31DN Color Laser Printers

PRINT >

CONNECT >

COLOR >

SPEED >

PERFORM >



**The affordable
color solution.**

Color you can afford.

Colorful promotional materials, reports and presentations are always more effective than their black & white counterparts. So why don't more companies take advantage of color? Because color is expensive. Or is it? Now you can acquire the Savin CLP27DN/CLP31DN for about what you paid for your current black & white printer, and thanks to high reliability and long-yield consumables, you can also print superior-quality color images very affordably. Factor in standard integrated duplexing, quick connectivity, versatile paper handling and the latest security features, and you can maximize your productivity.



Check printer status, including consumables, at a glance using the large, easy-to-read control panel.

The productive, efficient choice.

The Savin CLP27DN/CLP31DN printers are built for productivity and efficiency. Print both color and black & white at 26 ppm on the Savin CLP27DN or 31 ppm on the Savin CLP31DN. Output large files quickly with ample memory capacity and a high-performance controller. Eliminate waiting with short warm-up times. Minimize print costs by tracking and controlling print usage on the network with SmartDeviceMonitor. And work more efficiently with standard network connectivity and the latest wireless options.

You'll also save paper and time when you use standard automatic two-sided printing at nearly 100% of simplex speed. Plus you can minimize paper reloading with the large standard 550-sheet paper tray, 100-sheet bypass tray, and two optional 550-sheet trays for a total 1,750-sheet capacity.

Savin on security.

Corporate information is a valuable asset. Make sure it doesn't fall into the wrong hands by using the latest security features including:

- Standard data encryption secures the entire data stream – from print documents to address books – allowing only the printer to recreate the data.
- Unauthorized Copy Control secures hardcopy documents from being reproduced through an advanced masking technology.
- Data overwrite, an optional feature, makes it virtually impossible to access and reconstruct residual image data on the hard drive*.

*The optional DataOverwriteSecurity System needs to be installed by a technician.

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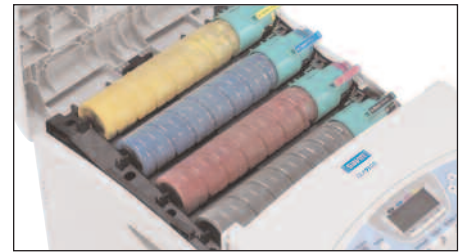
PERFORM >

Top Exit Tray holds 500 sheets face down for easy pick-up.

Top access to toner for maximum ease of use and fast supply replacement.

Print two-sided pages at nearly 100% of simplex speed with standard integrated duplexing.

Standard Universal 550-sheet Paper Tray is front-loading and user adjustable for up to 8.5" x 14" maximum output size.



Lower the cost-per-page with high-yield consumables.



Print on a wide variety of paper sizes and stocks using any of the three universal paper trays.



Connect via standard Ethernet and USB 2.0 interfaces, or with wired and wireless options.

In style. In-house.

Imagine the convenience of easily printing colorful, crisp 1200 dpi resolution documents on a wide variety of paper sizes and weights. Use any of the three universal paper trays to:

- Create your own direct mail postcards.
- Produce custom report covers.
- Personalize envelopes when you need them.

More in-house options mean more productivity and less time and money spent on outsourcing.

Grow your business and your capabilities.

When your company is ready to do more work, the Savin CLP27DN/CLP31DN are, too. Add the optional IS200e Image Scanner to streamline document handling and distribution.

- Scan color and black & white originals at 17 and 33 images per minute, respectively, and add a variety of timesaving capabilities.
- Convert scanned documents to TIFF, JPEG or PDF files and then send, store and print them using the Scan-to-Email, Scan-to-Folder and Scan-to-Print functions.
- Get even more functionality from your printer when you use the IS200e Image Scanner to support occasional production of full-color and black & white copies. With convenience copying and Scan-to capabilities, the Savin CLP27DN/CLP31DN become shared multi-functional resources, all from one device.

Versatility and value.

The Savin CLP27DN/CLP31DN make speed, power, color and expanded capabilities easy to own. Find out just how easy by contacting your Savin dealer today.

Your Partner In Environmental Solutions

These printers meet ENERGY STAR® guidelines. Savin continues the long-standing commitment to developing a full line of office solutions with superior energy and supply-saving features, including:

- Quick Start-Up (QSU) Technology
- Power-saving Sleep Modes
- Duplex and Combine Copy Modes
- Internal Toner Recycling Mechanism
- Low Noise Levels
- Minimal Ozone Emissions



MAIN UNITS

Configuration Technology	Desktop Laser-beam scanning Electro-photographic printing Dual component toner 4 tandem drum method
Resolution	600 x 600 dpi (default); 1200 x 600 dpi; 1200 x 1200 dpi
Printing Speed	CLP27DN: 26-ppm Full-color and Monochrome CLP31DN: 31-ppm Full-color and Monochrome
First Print Speed	Color: 15 seconds; Monochrome: 10 seconds
Dimensions (WxDxH)	17.6" x 23.2" x 19.2" (446mm x 589.5mm x 487mm)
Weight	110 lb. or less (50kg)
Warm-up Time	Less than 30 seconds
Power Source	120 V, 60 Hz
Power Consumption	990W or less
Energy Saver Mode	6W or less
Max. Paper Capacity	Up to 1,750-sheet total capacity
Std. Paper Capacity	550 sheets
Bypass	100 sheets
Optional Paper Tray	550 sheets (1 or 2 may be added)
Automatic Duplex	Standard (prints @ nearly 100% simplex speed)
Output Capacity	500 sheets face down
Paper Sizes (All sources)	8.5" x 11", 8.5" x 14", 5.5" x 8.5", 7.25" x 10.5", Free (Free size range: 2.8" x 5.8" to 8.5" x 14")
Paper Weight (All sources)	16 lb. - 55 lb. Bond (110 lb. Index) (52 - 216g/m ²) Duplexing: 16 lb. - 43 lb. Bond (52 - 163g/m ²)
Acceptable Paper Types (All sources)	Thick paper/Card stock (Up to 55 lb./110 lb. Index/216g/m ²) Plain Paper/Recycled Paper Laser printer qualified transparencies Envelopes (Com 10, Monarch, C6, C5, DL)
Safety Regulations	UL UL60950, FCC Part15 Class B device EnergyStar Tier 2 compliant

CONTROLLER SPECIFICATIONS

CPU	RM7035C @ 600MHz
Printer Languages	Adobe PostScript3, PCL 5c, PCL 6, Ricoh RPCS, PDF Direct
Fonts	136 PostScript 3 fonts, 45 PCL fonts, 13 International fonts
Memory (RAM)	256MB RAM standard; 512MB RAM maximum;
Hard Disk Drive	40GB (Optional)
Standard Interfaces	10/100BaseTX Ethernet, USB 2.0
Optional Interfaces	IEEE 1284 IEEE 802.11b Wireless LAN Bluetooth Wireless Gigabit Ethernet USB Host I/F
Network Protocols	Simultaneous auto-sensing/auto-switching, TCP/IP, Novell IPX/SPX, AppleTalk, SMB/NetBEUI

CONTROLLER SPECIFICATIONS (cont.)

Operating Systems	Windows 95/98SE/Me/NT4.0/2000/XP/Server 2003 NetWare v 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5 Macintosh OS 8.6 - 9.2x, OS X 10.1 or later UNIX (using Savin UNIX filter Phase 11), Sun Solaris, HP UX, Red Hat Linux, SCO Open Server, IBM, AIX SAP R/3 3.x or later
Drivers	Windows 95/98/Me/NT4.0/2000/XP/Server 2003 Windows 95/98/Me/NT4.0/2000/XP/Server 2003
PCL 5c/PCL 6	Windows 95/98/Me/NT4.0/2000/XP/Server 2003
PS	Windows 95/98/Me/NT4.0/2000/XP, Macintosh 8.6 or later, OS X (v. 10.1, 10.2, 10.3) (Using Savin UNIX filter)
UNIX	Sun-Solaris, HP-UX, Red Hat Linux, SCO OpenServer, IBM AIX
Print Utilities	SmartDeviceMonitor for Admin and Client, Web SmartDeviceMonitor, Web Image Monitor, DeskTopBinder V2 Lite, Printer Utility for Mac, Agfa Font Manager 2000

CONTROLLER OPTIONS

40GB Hard Disk Drive Type 4000	Monitors printer usage and restricts users' access via Web Image Monitor and SmartDeviceMonitor. 30 user codes ship standard. This option provides for a total of 500 user codes.
IEEE 1284 Interface Board Type A	
IEEE 802.11B Wireless LAN Type I	
Bluetooth Interface Unit Type 3245	
Gigabit Ethernet Board Type A	
USB Host Interface Type A	
Data Storage Card Type A	
User Account Enhance Unit Type E	Enables direct printing from a PictBridge enabled digital camera, without a PC (requires optional USB Host Interface).
Camera Direct Print Card (SD Card) Type B	
Device Customization	VM Card (Type D) for JAVA-based device SDK option

SECURITY SPECIFICATIONS

DataOverwriteSecurity System (DOSS) Type E (Optional)	Security feature that overwrites latent data on the system's hard drive after copy, scan and print jobs.
Copy Data Security Unit Type A (Standard)	Files printed via RPCS can be embedded with a special message that instructs the scanner not to copy, scan or send the page.
Network Data Protection Unit Type B (Standard)	Enables data encryption so that only the printer can properly recreate the data stream, guarding against information theft.

SECURITY SPECIFICATIONS (cont.)

Other Security Features	SNMP v3 Authentication and Data Encryption (password/address book encryption); PDF Direct Print Password Protection; Locked (Secure) Print; User Codes; User Authentication; WPA (Wi-Fi Protect Access Support)
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MEMORY OPTIONS

144-pin DIMM SD-RAM (PC133 compliant); Maximum of 512MB
128MB RAM Memory Unit Type D
256MB RAM Memory Unit Type E

PAPER HANDLING ACCESSORY

Paper Feed Unit Type 4000	
Paper Size	8.5" x 11", 8.5" x 14", 5.5" x 8.5", 7.25" x 10.5", Free
Paper Weights	16 - 55 lb. Bond (110 lb. Index) (52 - 216g/m ²)
Capacity	550 sheets; 1 or 2 units may be added
Printer Stand FAC29	

MFP UPGRADE OPTION

IS200e Image Scanner	
Scanner Table Type 4000	
Scanning Functionality	Scan-to-Email (with LDAP support), Scan-to-Folder, Scan-to-FTP, TWAIN Scanning, Scan-to-Print

CONSUMABLES & YIELDS

HY Black Toner Cartridge	Yield: 15,000 pages @ 5%
HY Yellow Toner Cartridge	Yield: 15,000 pages @ 5%
HY Magenta Toner Cartridge	Yield: 15,000 pages @ 5%
HY Cyan Toner Cartridge	Yield: 15,000 pages @ 5%
Black Toner Cartridge	Yield: 5,000 pages @ 5%
Yellow Toner Cartridge	Yield: 5,000 pages @ 5%
Magenta Toner Cartridge	Yield: 5,000 pages @ 5%
Cyan Toner Cartridge	Yield: 5,000 pages @ 5%
Photoconductor Unit Black	Yield: 50,000 pages
Photoconductor Unit Color	Yield: 50,000 pages
Waste Toner Bottle	Yield: 50,000 pages
Intermediate Transfer Unit	Yield: 100,000 pages
Maintenance Kit Type C411	Includes Fusing Unit, Transfer Roller, Paper Feed Roller, Yield: 100,000 pages
Maintenance Kit Type 4000	Includes Fusing Unit, Transfer Roller, Paper Feed Roller, Yield: 100,000 pages

*CLP27DN and CLP31DN ship with starter toner cartridges that yield 3,000 pages @ 5% coverage; all other consumables ship at full yield.