

Color Laser Printer

RICOH SP C840DN/ SP C842DN

Printer Copier Facsimile Scanner

RICOH
imagine. change.



SP C840DN

45
ppm

monochrome
and full-color

SP C842DN

60
ppm

monochrome
and full-color

Find out more about our versatile laser printers. This system could fit your needs.

Turn high-volume color highly productive

Timely, accurate information leads to better, more informed decisions. Make certain your audience sees it that way, too. Use the RICOH® SP C840DN/SP C842DN to print high-volume, high-quality color output at high speeds in-house and make a bigger impact for less cost. Create colorful postcards, brochures, labels, point-of-sale displays and much more on a wider range of media to impress every audience, every time. Use the large, all-digital Smart Operation Panel to customize workflows, set shortcuts and automate print tasks, so you can share information and move on to the next opportunity with ease. Print with convenience and confidence via advanced mobile support and security. Capture a more professional look with advanced finishing options. Add it all up and this powerful, versatile color printer is the ideal light production device for any office or workgroup.

- Produce up to 60 full-color prints/copies per minute
- Add professional finishing and captivating color in-house
- Expedite print tasks with automated workflows and shortcuts
- Print and share information via your personal mobile device
- Produce more types of documents on a wider range of media
- Minimize energy costs with a host of eco-friendly capabilities



Make your work more personal and productive

Simplify how you capture and share information

Be productive and produce more jobs

The best decision is often the fastest one. Use the SP C840DN/ SP C842DN to produce up to 60 color or black-and-white prints per minute, even in duplex mode, and share the most important information with clients and colleagues quickly. Take advantage of its powerful processor and 2 GB RAM standard to manage multiple jobs simultaneously. Add optional storage trays to extend paper capacity up to 4,700 sheets and reduce workflow interruptions. Perform maintenance in seconds without technical assistance. The easy-to-see optional Attention Light lets you know the printer status at a glance. Reduce misfeeds and expedite paper reloads with auto-draw standard trays. If there is a jam, follow LED animation to find it. Replace the high-yield OPC drum unit in moments.



Captivate with color and clarity

You can't get new business if you can't even grab your audience's attention. Take advantage of 4-bit color technology to print exceptional color output with up to 1200 x 1200 dpi resolution. Produce smoother gradations, sharper text and more exact color reproductions via the device's proprietary oil-free polyester polymerization (PxP) toner for professional-quality prints at affordable in-house costs. Preview every document before printing to reduce errors and fine-tune color easily for the most accurate prints every time. Plus, with the wide range of paper handling and finishing capabilities, you can focus in on more compelling output for every audience.



Meet every need every way

Give your audience the information they want, in the format they prefer. Use up to six paper sources to print on a wider range of paper stocks — including oversized booklets, personalized envelopes, basic banners up to 49.6" long, thicker postcards up to 300 gsm/170 lb. Index and more — and share targeted collateral quickly and conveniently. You also have the option to print 12.6" x 18" (SRA3) output so you can see the crop marks and color bars on your larger, more complex graphics. Best of all, you're expanding what you can do — without adding to your footprint. The SP C840DN/SP C842DN requires less space than most high-end printers and takes less from your budget.





Control and customize your print experience

Take a swipe at an easier way to print

Get in touch with faster workflows via our Workstyle Innovation Technology on the all-digital 10.1" Smart Operation Panel. Access information and toggle between jobs with the same swiping, scrolling and flicking techniques you use on your smartphone or tablet. Choose between multiple intuitive user interfaces and simply tap on large, intuitive icons to begin tasks or to dig deeper for more important details, including the number of prints, finishing options, toner supplies and more. Download apps from the online Ricoh Application Site to perform specific functions just as easily. For example, you can download an app to print files in shared folders or to watch self-help videos to improve end user productivity.



Make productivity a custom fit

Use what you know about your print environment and customers to add iconic shortcuts to automate workflows and avoid tedious, error-prone manual tasks. Take advantage of the same customizable Workstyle Innovation Technology capabilities you use on other new Ricoh devices, including the large 10.1" intuitive touchscreen control panel, mobile convenience and intelligent support, to expedite and simplify printing. Find critical information and make adjustments in moments. You can also add plug-and-play workflow software, such as RICOH FlexRelease CX to automate your most advanced workflows so you can hit your next deadline along with your budgetary goals.



Move information, move yourself

With your smartphone or tablet, you can access information and work from anywhere. Now you can print from there, too. Download the RICOH Smart Device Connector app and print from the SP C840DN/ SP C842DN without adding software, drivers or utilities. Simply touch your mobile device to the Near Field Communication (NFC) tag, use Bluetooth® or activate a QR code to get started. Use the embedded Web Browser to access information from cloud application sites, such as Google Drive™ or Dropbox™, in moments without expensive on-premises storage solutions. Grant visitors the same freedom without compromising security. In fact, you can use an optional second network port to connect the printer to multiple networks simultaneously and assign specific users and guests accordingly.



Move information quickly and securely

Add more finishing in a smaller footprint

Look like you know what you're doing — while doing less of the work yourself. Choose from a wide range of automated finishing options to add a professional look and feel to your most important output without compromising floor space. Use the Internal Multi-fold Unit to automate four different types of folds, including tri-folds and z-folds, and eliminate expensive and time-consuming manual folding or outsourcing. Prepare invoices and other documents for insertion in envelopes. Create your own complex direct mailers. You can also simplify other finishing tasks, such as stapling, hole punching, saddle stitching, booklet finishing and more, to expedite production and minimize errors even more. With the optional 1,000-Sheet Hybrid Staple + Stapleless Finisher, you can choose staple-free document sets you're printing for children or food-based industries.



Get information to the right people

Use the SP C840DN/SP C842DN to share information with more people — and to help protect information. Have users login to the device with a passcode or add the optional NFC card reader for ID card swiping, and restrict access to important information and print functions. Add optional software such as RICOH Device Manager NX Accounting to issue chargebacks to specific workgroups or individuals. Set color print quotas or restrict color prints entirely for users who print only reports, emails and other basic documents. Use Locked Print to hold prints until the authorized user releases them to minimize forgotten prints and to help protect confidential information from passersby. Add watermarks to prevent audiences from copying sensitive information on other devices.



Save your energy, along with the planet

Saving energy and protecting the environment should come automatically. Now it does with the SP C840DN/SP C842DN. The printer is ENERGY STAR® certified, meets EPEAT® Gold criteria and offers Typical Electricity Consumption (TEC) of 1.7 kWh/week for the SP C840DN and 2.8 kWh/week for the SP C842DN. Set duplex printing as the default to reduce paper costs. Use Sleep Mode to minimize energy costs. For longer periods of inactivity, you can program the device to shut off entirely when you know the office will be empty. Take advantage of an Eco-Friendly Indicator screen to track eco-saving statistics, including paper usage or to send users responsible printing reminders.



*EPEAT Gold rating is applicable only in the USA.

To view detailed features of our laser printers online go to www.ricoh-usa.com/products

Expand what you can do in a smaller footprint

- 1 Smart Operation Panel:** Take your pick among multiple user interfaces on the 10.1" Super VGA Smart Operation Panel to simplify print tasks. Use the same finger movements you use on your personal mobile device to find information, create workflow shortcuts and automate manual steps. Download convenient apps from the Application Site to add unique features and one-touch functionality for specific tasks.
- 2 USB/SD Card Slot:** Print from portable media using the standard USB/SD Card Slot located conveniently on the control panel. Print TIFF, PDF or JPEG files from the removable media.
- 3 User Authentication:** Use embedded NFC technology and an optional NFC Card Reader to track user activity, set print quotas and restrict access to specific functions.
- 4 Web Browser:** Take advantage of the built-in web browser to search for web pages directly from the Smart Operation Panel and print them as PDF files.
- 5 Automatic Duplexing:** Produce two-sided documents to reduce paper usage and costs without compromising print speeds.
- 6 PxP Toner Technology:** Take advantage of smoother gradations, brighter colors and sharper text for exceptional image quality.
- 7 Attention Light (Optional):** See device status from across the room, so you can resolve issues before they compromise deadlines.
- 8 4-Bin Mailbox (Optional):** Separate documents into four bins when multiple users are printing output.
- 9 Internal Multi-fold Unit (Optional):** Automate four different types of folds, including tri-, Z- and V-folding to produce more types of professional output in-house.
- 10 1,000-Sheet Hybrid Staple + Stapleless Finisher (Optional):** Choose between traditional automated staples, or opt for stapleless output for up to five sheets of paper. This unique technology minimizes supply costs, simplifies paper shredding and offers a safer option for unique audiences such as schools and food-based organizations.
- 11 1,000-Sheet Booklet Finisher (Optional):** Create your own full-color, saddle stitched booklets in-house and avoid outsourcing costs. Add an optional Hole Punch Unit for more booklet finishing capabilities.



- 12 3,000-Sheet Finisher (Optional):** Create high volumes of professional quality document sets with multi-position stapling and an optional Hole Punch Unit.
- 13 Output Jogger Unit (Optional):** Use it to offset output from the 3,000-Sheet Finisher for easy retrieval or for offline finishing equipment.
- 14 320 GB Hard Disk Drive:** Help protect your work with DataOverwriteSecurity System (DOSS), data encryption, Locked Print and more. Optional for the SP C840DN.
- 15 Media Options:** Print a wide range of output from a single device, including saddle stitched booklets up to 12.6" x 18", personalized envelopes, thicker postcards up to 300 gsm and more through the Bypass Tray.
- 16 Paper Trays and 100-Sheet Bypass Tray:** Reduce reloads with two standard front-loading Paper Trays that hold 550 sheets each. The Bypass Tray holds an additional 100 sheets in sizes up to 12.6" x 49.6". Add an optional Banner Paper Guide Tray for impressive banner printing.

- 17 Paper Feed Units (Optional):** Choose the 1 x 550-Sheet Paper Tray or 2 x 550-Sheet Paper Tray to boost paper capacity to 2,300 sheets, including user-adjustable paper sizes for letter, legal, ledger and envelopes.
- 18 Large Capacity Trays (Optional):** Expand paper capacity with the 1,500-Sheet Side Large Capacity Tray. Add the 2,000-Sheet Large Capacity Tray for a maximum capacity of 4,700 sheets (with addition of 1 x 500-Sheet Paper Tray).
- 19 Document Storage:** Store and access up to 3,000 frequently used files on the printer's hard drive for fast, easy retrieval and printing. Create up to 200 shared or passcode-protected personal folders to store the digital files. Optional for the SP C840DN.
- 20 Broad Compatibility:** Integrate these printers with built-in compatibility for PC, Macintosh®, Linux® and host printing environments.

Specifications

<p>SP C840DN SP C842DN Configuration Printing Process</p> <p>Operation Panel</p> <p>Printing Speed</p> <p>Warm-Up Time</p> <p>Recovery from Sleep Mode</p> <p>First Print Speed</p> <p>Duplex Print Speed</p> <p>Print Resolution</p> <p>Standard Paper Supply</p> <p>Maximum Paper Supply</p> <p>Output Capacity</p> <p>Paper Sizes</p>	<p>Part #408105 Part #408106</p> <p>Desktop Laser-beam scanning & electrophotographic printing with dual component toner development, 4-drum tandem method</p> <p>10.1" Smart Operation Panel color touchscreen with integrated USB 2.0 host port and SD card slot</p> <p>SP C840DN: 45 ppm (B&W/Full-color) SP C842DN: 60 ppm (B&W/Full-color)</p> <p>SP C840DN: 22 seconds or less SP C842DN: 20 seconds or less</p> <p>7.3 seconds</p> <p>SP C840DN: B&W: 4.0 seconds or less; Full-color: 5.7 seconds or less SP C842DN: B&W: 3.1 seconds or less; Full-color: 4.6 seconds or less</p> <p>Near 100% productivity for all paper sizes</p> <p>Up to 1200 x 1200 dpi</p> <p>550-Sheet x 2 Paper Tray + 100-Sheet Bypass Tray (1,200 sheets total capacity)</p> <p>4,700 Sheets (Standard Trays 1 & 2 + 2,000-Sheet LCT + 1,500-Sheet Side LCT + 100-Sheet Bypass)</p> <p>Standard: 500 sheets, face down (8.5" x 11" or smaller); 250 sheets, face down (8.5" x 14" or larger)</p> <p>Maximum: Up to 4,000 sheets with Finisher, Bridge Unit and 4-Bin Mailbox</p> <p>Standard Tray 1: Fixed for Letter (8.5" x 11") (216 x 279 mm), A4, A5</p> <p>Standard Tray 2 and Optional Paper Feed Units: User adjustable up to 12" x 18" including Letter (8.5" x 11"), Legal (8.5" x 14"), Exec (10.5" x 7.25"), Ledger (11" x 17"), A3, A4, A5, A6</p> <p>Custom Sizes: 3.55" x 5.83" – 12.6" x 18" (90 x 148 mm to 320 x 457 mm)</p> <p>Envelopes for Tray 2: Com10, Monarch, C5, C6, DL; Envelopes for Optional Paper Feed Units: Com10, C5</p> <p>Bypass Tray: User adjustable up to 12" x 18" including 5.5" x 8.5" to 11" x 17" (140 x 216 mm to 279 x 432 mm), A3, A4, A5, A6; Custom Sizes: 3.55" x 5.83" to 12.6" x 49.6" (90 x 148 mm to 320 x 1260 mm) and Envelopes: Com10, Monarch, C5, C6, DL</p>
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<p>Paper Weights</p> <p>Paper Types</p> <p>Dimensions (WxDxH)</p> <p>Weight</p> <p>Power Requirements</p> <p>Power Consumption</p> <p>Typical Electricity Consumption (TEC)</p> <p>Print Controller Specifications (Standard)</p> <p>CPU</p> <p>Memory</p> <p>Hard Disk Drive</p> <p>Printer Languages</p> <p>Fonts</p>	<p>Optional 2,000-Sheet LCT and Optional 1,500-Sheet Side LCT: Fixed for Letter (8.5" x 11") (216 x 279 mm), A4</p> <p>When Duplexing: 3.55" x 5.83" to 12.6" x 18" (90 x 148 mm x 320 x 457 mm)</p> <p>Standard Trays: 16 – 82 lb. Bond/170 lb. Index (60 – 300 g/m²)</p> <p>Bypass Tray: 14 – 82 lb. Bond/170 lb. Index (52 – 300 g/m²)</p> <p>Optional Paper Feed Units, Optional 2,000-Sheet LCT and Optional 1,500-Sheet Side LCT: 16 – 82 lb. Bond/170 lb. Index (60 – 300 g/m²)</p> <p>Duplex Unit: 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m²)</p> <p>All Sources: Plain Paper, Recycled Paper, Color Paper, Letterhead, Special Paper 1-3, Card Stock, Bond Paper, Preprinted Paper, Coated Paper</p> <p>Envelopes: Com10 and C5 envelopes can be fed using Standard Tray 2, Bypass Tray and Optional Paper Feed Units</p> <p>Bypass Tray Only: Labels, OHP</p> <p>23.1" x 27" x 34" (587 x 685 x 864 mm)</p> <p>187 lb. (85 kg)</p> <p>120 – 127V, 60 Hz</p> <p>Operating: 1,584 W or less; Sleep Mode: 0.7 W</p> <p>SP C840DN – 1.7 kWh/week SP C842DN – 2.8 kWh/week</p> <p>Intel® R Atom Processor BayTrail-I</p> <p>1.75 GHz</p> <p>2 GB RAM</p> <p>SP C840DN: Optional 320 GB SP C842DN: Standard 320 GB (Both models include standard HDD Encryption Unit and DataOverwriteSecurity System)</p> <p>Standard: PCL5c/e, PostScript3 emulation, PDF Direct emulation, Direct Media Print (JPEG/TIFF), P/L, RPCS</p> <p>Optional: Genuine IPDS Host Print, XPS (via download), Genuine Adobe® PostScript®3, PDF Direct from Adobe®, PictBridge®, Universal Driver (via download)</p> <p>Standard: PCL – 93, P3/PDF emulation PS3/PDF – 93</p> <p>Optional: Adobe PS3/PDF – 136, IPDS – 108</p>
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<p>Standard Interfaces</p> <p>Optional Interfaces*</p> <p>Network Protocols</p> <p>Operating Systems</p> <p>Utilities</p>	<p>10Base-T/100Base-TX/1000Base-T Gigabit Ethernet, High Speed USB 2.0 Type B, Dual USB 2.0 Host Type A, USB 2.0 Type A/SD Card Slot integrated into Smart Operation Panel (for Print from Portable Media)</p> <p>IEEE 802.11a/b/g/n, IEEE 1284, USB 2.0 Port</p> <p>Standard: TCP/IP (IPv4/IPv6) Optional: IPX/SPX</p> <p>Windows Vista/7/8.1/10/Server 2008/Server 2008R2/Server 2012/Server 2012R2; Citrix Presentation Server 4.5, Citrix XenApp 5.0+; Mac OS X 10.8 or later; SAP R/3; Novell NetWare Server 6.5 (option is required), UNIX (Using Ricoh UNIX filter): Sun Solaris 9/10, HP-UX 11.x/11i v2/11i v3, SCO OpenServer 5.0.7/6.0, RedHat Linux Enterprise V4/V5/V6, IBM AIX 5L V5.3/V6.1/V7.1</p> <p>Device Manager NX Series, SmartDeviceMonitor for Admin and Client, SmartDeviceMonitor for Admin Accounting Report Package, Web SmartDeviceMonitor, Web Image Monitor, Remote Communication Gate Type S, @Remote</p>
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*Only one interface can be installed.

Controller and Memory Options

Extended USB Board Type M19
IEEE 1284 Interface Board Type M19
IEEE 802.11a/b/g/n Interface Unit Type M19
Camera Direct Print Option Type M19
VM Card Type P8*
XPS Direct Print Option Type P11
IPDS Unit Type P11
Adobe PostScript3 Type P11
HDD Option Type P11 (SP C840DN only)
*HDD option required for the SP C840DN.

Security Features

DataOverwriteSecurity System (DOSS), Authentication (Windows/LDAP/Kerberos/Basic/User Code/802.1.x Wired), Wireless LAN Security (WPS/IEEE802.11i/IEEE802.11w), Encryption (Address Book/Authentication Password/SSL Communication/S/MIME/IPsec Communication/HDD/SMTP over SSL/TLS/Transport Layer Security/SSH/Wireless LAN), Network Protocols ON/OFF, IP Address Filtering, Quota Setting/Account Limit, Compulsory Security Stamp, Unauthorized Copy Prevention and Mask Type for Copying

