Digital Full Color Laser Printer

RICOH
imagine. change.

RICOH
SP C840DN
SP C842DN

☑Printer ☐Copier ☐Facsimile ☐Scanner



RICOH SP C840DN
45 ppm Monochrome / Full Color

RICOH SP C842DN
60 ppm Monochrome / Full Color

Turn high-volume color highly productive

Timely and accurate information leads to better, more informed decisions. 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 user, every time. Use the large, intuitive Smart Operation Panel to customize workflows, set shortcuts and automate print tasks, so you can share information 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 printing device for any office or workgroup.

- Produce up to 60 full-color page per minute (ppm)
- 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

Be productive and produce more jobs

Use the SP C840DN/SP C842DN to produce up to 60 color or black-and-white prints per minute, 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.



Take a swipe at an easier way to print

Get in touch with faster workflows via our Workstyle Innovation Technology on the new 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 user interfaces and simply tap on large, intuitive icons to begin tasks or explore 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 in a simple way.



Add more finishing in a smaller footprint

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 different types of 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. 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.



Expand what you can do in a smaller footprint

1. **Intuitive 10.1 inch Smart Operation Panel:** Take your pick among multiple user interfaces on the 10.1" 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 or scan to 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. **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.

4. **Automatic Duplexing:** Produce two-sided documents to reduce paper usage and costs.

5. **Internal Multi-fold Unit (Optional):** Automate four different types of folds, including tri-, Z- and half-folding to produce more types of professional output in-house.

6. **3,000-Sheet Finisher (Optional):** Create high volumes of professional quality document sets with multi-position stapling and an optional Hole Punch Unit.

7. **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 320 x 1,260 mm. Add an optional Banner Paper Guide Tray for impressive banner printing.

8. **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.

9. **Large Capacity Trays (Optional):** Expand paper capacity with the 1,500-Sheet Side Large Capacity Tray. Additional Paper Feed Unit is required before installation.



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MAIN SPECIFICATIONS

GENERAL

Warm-up time:	22 / 20 seconds or less
First output time:	Full color: 5.7 / 4.6 seconds or less B/W: 4.0 / 3.1 seconds or less
Continuous output speed:	Full color: 45 / 60 ppm B/W: 45 / 60 ppm
Memory:	Maximum: 2GB (Standard)
HDD:	320 GB (Standard for SP C842DN only)
Dimensions (W x D x H):	587 x 685 x 864 mm
Weight:	85 kg
Power source:	220-240V, 50/60Hz

PRINTER

Printing process:	Electro Photographic Printing System with Laser Beam	
Printer language:	Standard :	PCL5e/c, PCL6(XL), PostScript3 Emulation, PDF Direct Emulation, Media Print (JPEG/TIFF)
	Option:	Adobe® PostScript® 3™, XPS, PictBridge
Resolution:	Maximum:	1,200 x 1,200 dpi / 2 bit
Interface:	Standard:	SD slot, USB Host Interface, Ethernet 10 base-T, Ethernet 100 base-TX, Ethernet 1000 Base-T, *Bluetooth and Wireless LAN (IEEE 802.11a/b/g/n) in Smart Operation Panel
	Option:	Wireless LAN(IEEE 802.11a/b/g/n), USB Server for Second Network Interface, Bidirectional IEEE1284/ECP, USB 2.0 (Type B)
Mobile printing capability:	Apple AirPrint	
Windows® environments:	Windows® Vista / 7 / 8.1 / 10, Windows® Server 2008 / 2008R2 / 2012 / 2012R2	
Mac OS environments:	Macintosh OS X Native v.10.8 or later	
UNIX environments:	UNIX Sun® Solaris, HP-UX, SCO OpenServer, RedHat® Linux Enterprise, IBM® AIX	
SAP® R/3® environments:	SAP® R/3®	

PAPER HANDLING

Recommended paper size:	SRA3, A3, A4, A5, A6, B4, B5, B6
Paper input capacity:	Standard: 1,200 sheets Maximum: 4,700 sheets
Paper output capacity:	Maximum: 4,000 sheets
Paper weight:	60 - 300 g/m²

ECOLOGY

Power consumption:	Maximum: 1,850 / 1,850 W Ready mode: 52.1 / 52.1 W Sleep mode: 0.81 / 0.81 W TEC (Typical Electricity Consumption): 1.8 / 2.8 kW/h

OPTIONS

1 x 550-sheet paper tray (PB3250), 2 x 550-sheet paper tray (PB3240), 2,000-sheet large capacity tray (PB3260), 1,500-sheet side large capacity tray (RT3030), SRA3 imageable area extension unit Type P11, Internal multi-fold unit (FD3000), Bridge unit (BU3070), 1,000-sheet Hybrid staple + stapleless finisher (SR3210), 1,000-sheet booklet finisher (SR3220), Hole punch unit (PU3050), 3,000-sheet finisher (SR3230), Hole punch unit (PU3060), Output jogger unit Type M25, Mailbox (CS3010), Attention light (AL3000), Banner paper guide tray Type M19, Bi-directional IEEE 1284 interface unit Type M19, Wireless LAN (IEEE 802.11a/b/g/n) interface unit Type M19, PictBridge option Type M19, Adobe® PostScript® 3™ unit Type P11, XPS direct print unit Type P11, Extended USB port (Type B) Type M19, 2nd NIC option Type M19, Card reader bracket Type P11, IC card reader Type P11, VM card Type P8, HDD option Type P11 (required for SP C840DN only)

CONSUMABLES

Toner capacity:	Black:	43,000 pages
	Cyan:	34,000 pages
	Magenta:	34,000 pages
	Yellow:	34,000 pages

Declared yield value in accordance with ISO/IEC 19798 Chart

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.

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