

Color Laser Printer

# RICOH SP C342DN

Printer  Copier  Facsimile  Scanner



**RICOH**  
imagine. change.

SP C342DN

26 ppm  
monochrome  
and full-color

## Get affordable, value-packed color printing

When your workgroup comes up with its next big idea, turn to a printer that can showcase it beautifully with vibrant color and fast print speeds. Use the affordable, compact RICOH® SP C342DN color laser printer to meet your busy workgroup's needs on a wide range of media quickly and economically. Take advantage of a 4.3" color touchscreen operation panel to transition between tasks and adjust settings with ease. The desktop printer aligns with your workstyle and lets you print directly from your smartphone, tablet or laptop with a host of mobile printing solutions. Plus, it's solutions-focused and supports a wide range of software applications that can integrate seamlessly with your existing fleet to optimize workflow.

## Push for greater productivity

The faster you move information, the sooner you can move to the next opportunity. Use the RICOH SP C342DN to print up to 26 pages per minute with exceptional color and clarity. With 2 GB standard RAM and an Intel® 1.46 GHz processor, you can handle the most complex files and large graphics with ease. The 4.3" color touchscreen panel makes navigation a breeze and allows you to adjust tray settings or toggle between tasks easily. Take advantage of an all-front-facing design to swap consumables and restock paper trays no matter where the printer is placed. Run longer, uninterrupted jobs by adding an optional 500-Sheet Paper Tray to complement the standard 500-Sheet Paper Tray and 100-Sheet Bypass Tray. Install, download and configure print drivers online with Device Software Manager to simplify print setup.



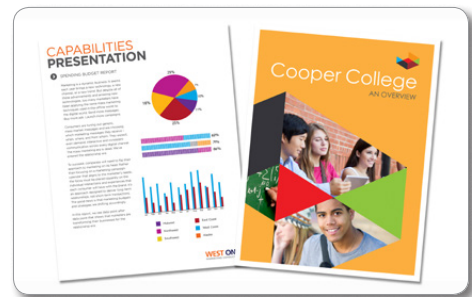
## Choose a printer that meets your workstyle

Some of your best ideas come when you're on the move. Share them with others the same way. Use AirPrint®, Wi-Fi Direct® or the RICOH Smart Device Print&Scan app to print from your smartphone, tablet or laptop without installing software, drivers or utilities. With the optional Hard Disk Drive (HDD) installed, you can seamlessly print digital files via USB or SD Card. A USB Device Server option adds a second network interface port and allows two different network environments to be supported by one shared printer. With the wireless LAN option, you can place the device virtually anywhere, adding value and convenience for your workgroup.



## Grab attention with vibrant color

Make your messages more memorable. Add color to printed presentations, brochures, proposals and more to bring them to life. Give customers a clearer picture via detailed images with exceptional shading, vivid colors and precise text at up to 1200 x 1200 dpi resolution. Customize each project to fit specific audiences with versatile media support up to 120 lb. Index and up to three independent paper sources. Print everyday documents up to 8.5" x 14" from the standard Paper Tray. You can even print banners at sizes up to 8.5" x 49.6" using the Bypass Tray. With so much versatility, you'll fill most print needs in-house.



# Feature-rich, convenient color printing

## Choose more affordable printing

You want a printer that can save you from any extra hassles. Why not choose the RICOH SP C342DN and save money at the same time? Find optimal value in a versatile color printer that can meet the demands of almost any workload at any time with affordable operating costs. For example, you can use it to print professional-looking documents with brilliant colors in moments right from your desktop. Or, you can use Economy Color Mode to employ less toner when you need only draft-ready presentations and documents for internal reviews. Plus, you can reduce paper costs with standard duplexing and a special feature that prevents the printing of blank pages.



## Be responsible and reduce energy costs

We designed the RICOH SP C342DN to be ENERGY STAR® certified and meet EPEAT® Silver criteria\*, making it easy for you to be environmentally responsible. Take advantage of Typical Electricity Consumption (TEC) of 1.6 kWh/week. To reduce energy consumption even more, program the printer to power on and power off at predetermined times or use Web Image Monitor to shut it off remotely. With Eco-Night Sensor, the printer shuts down automatically when the room becomes dark. The printer also offers first print speeds around 13 seconds. Use our intuitive Eco-Friendly Indicator on the operation panel to track paper-saving metrics and to encourage more responsible print behavior.

\*EPEAT Silver rating is applicable only in the USA.



## Help keep confidential information secure

When you lose your message, you lose its power. Take advantage of User Code Authentication to restrict access to specific print functions. For example, you can reduce print costs by prohibiting an individual or entire workgroup from printing documents in color. With Unauthorized Copy Control, the printer can mask sensitive information in a printed document when unauthorized users try to make a copy of it. When you add the optional Hard Disk Drive (HDD), you can give every job a password so it stays in queue until you authorize it to print directly at the device. Help protect information on the optional Hard Disk Drive with standard encryption and data overwrite capabilities.



To view detailed features of our laser printers online go to [www.ricoh-usa.com/products](http://www.ricoh-usa.com/products)

# RICOH SP C342DN

## SYSTEM SPECIFICATIONS

RICOH @Remote



### Engine Specifications

RICOH SP C342DN	Part # 407887
Configuration	Desktop
Technology	Color laser electro-photographic printing
Toner Type	Dry, single component
Control Panel	4.3" color touchscreen
Print Speed (Letter)	26 ppm (B&W and Full-Color)
Maximum Monthly Volume	6,000 prints
Duty Cycle	75,000 prints
First Print Out Time	13.5 seconds or less (B&W and Full-Color)
Warm-up Time	20 seconds
Recovery from Sleep Mode	20 seconds
Print Resolution	Up to 1200 x 1200 dpi
Standard Paper Capacity	1 x 500-Sheet Tray + 100-Sheet Bypass Tray
Maximum Paper Capacity	1,100 sheets
Standard Output Capacity	Up to 150 sheets (LT)
Supported Paper Sizes	Paper Tray: 5.8" x 8.3" – 8.5" x 14" (148 x 210 mm – 216 x 356 mm) Bypass Tray: 2.5" x 4.9" – 8.5" x 49.6" (64 x 125 mm – 216 x 1260 mm) Optional Tray: 8.5" x 11"
Supported Paper Weights	Standard Tray: 16 – 43 lb. (60 – 163 g/m <sup>2</sup> ) Bypass Tray: 16 – 59 lb. (60 – 220 g/m <sup>2</sup> ) Optional Tray: 16 – 28 lb. (60 – 105 g/m <sup>2</sup> ) When Duplexing: 16 – 24 lb. (60 – 90 g/m <sup>2</sup> )
Supported Paper Types	Plain, Middle Thick, Thick, Recycled, Colored, Letterhead, Preprinted, Thin, Coated (Glossy), Coated (Matte), Special, Label, Envelope*, Bond*, Cardstock*
Duplexing	Automatic (standard)
Dimensions (WxDxH)	15.8" x 18.9" x 15.9" (400 x 480 x 404 mm) (mainframe)
Weight	63.9 lbs. (29 kg)
Power Consumption	Maximum: 1,300 W or less Ready Mode: 51.9 W Sleep Mode: 0.7 W
Typical Electricity Consumption** (TEC)	1.6 kWh/week
Power Requirements	120V, 60Hz
ENERGY STAR	Certified
EPEAT	Silver Rated

\*From Bypass Tray only.

\*\*Typical Electricity Consumption by ENERGY STAR program.

### Printer Specifications

Processor Speed	1.46 GHz
Memory	2 GB RAM
Hard Disk Drive	320 GB (optional)
Connection Type	Standard: Gigabit Ethernet (1000BASE-T/100BASE-TX/10BASE-T), USB 2.0, USB 2.0 Host Optional: Wireless LAN IEEE802.11a/b/g/n, IEEE1284

Printer Languages	Standard: PCL5c/6, Adobe® PostScript®3*, PDF Direct Option: XPS
Font Support	PCL: Scalable 45 fonts + 13 International fonts PostScript3: 136 fonts TCP/IP (IPv4, IPv6)
Network Protocols Supported Operating Systems	Windows® Vista/7/8/8.1/10/Server 2008/Server 2008R2/Server 2012/ Server 2012 R2; Mac OS X (10.9 or later); UNIX Sun Solaris 9/10, HP-UX 11.x, 11i v2, 11i v3, Red Hat Linux Enterprise V4/V5/V6, SCO OpenServer 5.0.7/6.0, IBM AIX V5L/V5.3/V6.1/V7.1; SAP R/3
Other Print Features	Sample/Locked/Hold/Scheduled/Store/Store and Print*, Black Over Print, CLP Simulation, PDF Direct Print, Classification Code, Bonjour Support, Windows Active Directory Support, DDNS Support, PCL Resident Font Adoption, Tray Parameter Change from Web Image Monitor, 1200 dpi Support, Universal Driver, XPS Support*, WS Printer, Wireless LAN Interface Option, Media Direct Print (Print from USB/SD)*, AirPrint, Banner Page Print, Auto Job Promotion*, Poster Print, WPS Support, Import/Export of Preference Settings, Eco-Friendly Indicator, Centralized Address Book Management, Weekly Timer

\*Hard Disk Drive option required.

### Controller Option

XPS Direct Print Option Type P10	Part # 407891
Hard Disk Drive Option Type P10	Part # MX407893RA
VM Card Type P8	Part # 407864
USB Device Server Option Type M19	Part # 417567
IEEE 1284 Interface Board Type M19	Part # 417596
IEEE 802.11 Interface Unit Type M24	Part # 407863

### Hardware Option

Paper Feed Unit Type TK1220	Part # 407890
Paper Capacity	500 sheets
Supported Paper Size	8.5" x 11"
Supported Paper Weight	16 – 28 lb. (60 – 105 g/m <sup>2</sup> )
Dimensions (WxDxH)	15.7" x 17.5" x 5.0" (400 x 450 x 127 mm)
Weight	13.2 lbs. (6 kg)

### Device Management Utilities

Device Software Manager, Web Image Monitor, Streamline NX, Enhanced Locked Print NX, FlexRelease NX, Card Authentication Package, SmartDeviceMonitor for Admin Accounting Report Package, Remote Communication Gate Type S, Remote Communication Gate Type A, @Remote Connector NX, Device Manager NX Lite/Accounting Pro/Enterprise, Printer Driver Packager NX

### Mobile Print Support

RICOH Smart Device Print&Scan App, Wi-Fi Direct\*, AirPrint  
\*Requires Wireless LAN option.

### Security Features

User Authentication (Windows, LDAP, Basic, User Code, 802.1.x Wired), Encryption, Network Protocol On/Off, IP Filtering, Mask Type for Copying/Data Security, Unauthorized Copy Prevention, Quota Setting/Account Limit, SMTP over SSL

### Consumables and Yields

Print Cartridge SP C310HA Black	7,200 prints*	Part # 406475
Print Cartridge SP C310HA Cyan	6,600 prints*	Part # 406476
Print Cartridge SP C310HA Magenta	6,600 prints*	Part # 406477
Print Cartridge SP C310HA Yellow	6,600 prints*	Part # 406478
Maintenance Kit SP C320**	90,000 prints	Part # 406794
Intermediate Transfer Unit SP C310	90,000 prints	Part # 406067
Waste Toner Bottle SP C310	55,000 prints	Part # 406066

\*Declared yield values in accordance with ISO/IEC 19798. Actual yields may vary based on images printed and other factors.

\*\*Maintenance kit consists of the Fusing Unit and Transfer Roller.

Ships with starter toner bottles that yield approximately 2,800 pages. All other consumables ship at full yield.

For maximum performance and yield we recommend using genuine Ricoh parts and supplies.

Specifications subject to change without notice.

### Warranty

The RICOH SP C342DN is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

**RICOH**  
imagine. change.

[www.ricoh-usa.com](http://www.ricoh-usa.com)

Ricoh USA, Inc., 70 Valley Stream Parkway, Malvern, PA 19355, 1-800-63-RICOH

Ricoh® and the Ricoh logo are registered trademarks of Ricoh Company, Ltd. All other trademarks are the property of their respective owners ©2016. Ricoh USA, Inc. All rights reserved. The content of this document, and the appearance, features and specifications of Ricoh products and services are subject to change from time to time without notice. Products are shown with optional features. While care has been taken to ensure the accuracy of this information, Ricoh makes no representation or warranties about the accuracy, completeness or adequacy of the information contained herein, and shall not be liable for any errors or omissions in these materials. Actual results will vary depending upon use of the products and services, and the conditions and factors affecting performance. The only warranties for Ricoh products and services are as set forth in the express warranty statements accompanying them.

R3688-1