

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.



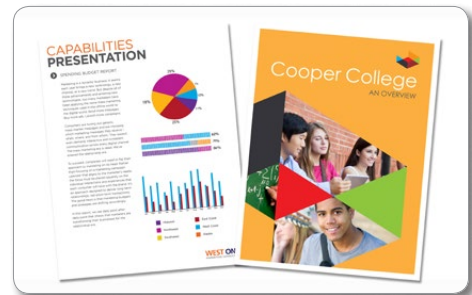
Choose a printer that meets your workstyle

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

RICOH SP C342DN

SYSTEM SPECIFICATIONS



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 ²) Bypass Tray: 16 – 59 lb. (60 – 220 g/m ²) Optional Tray: 16 – 28 lb. (60 – 105 g/m ²) When Duplexing: 16 – 24 lb. (60 – 90 g/m ²) |
| 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

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|-----------------|--|
| 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

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|-------------------------------------|-------------------|
| 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 ²) |
| 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.

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