

Proven.

## Unmatched Quality and Cost Efficiency

Built with a proven, award-winning color print engine, the RICOH® SP C420DN Color Laser Printer delivers the amazing quality and reliability you expect — plus the technology you need to maximize productivity. That means higher paper capacity, dynamic paper handling and a powerful print controller. Plus, the highly affordable Ricoh SP C420DN still offers the **lowest cost per page** in its class.

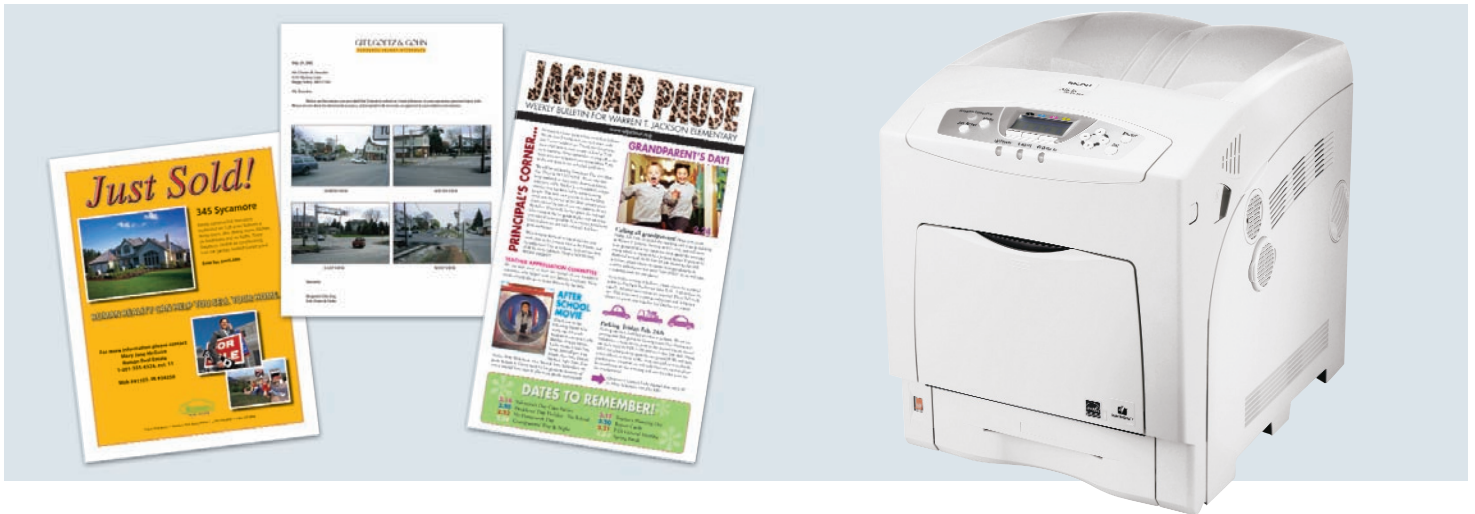
Reliable.

- 31-ppm (Letter) output speeds for Color and Black & white
- Short warm-up time for near-instant readiness
- High performance 800MHz CPU to quickly process data streams
- Standard duplex printing at nearly 100% of rated simplex print speed for each paper size
- Energy Star compliant
- Genuine Adobe® PostScript® 3™

Economical.



# Superior. Robust. Connected. Productive.



## Increased Power and Performance

Equipped with an advanced print controller, the Ricoh SP C420DN delivers an immediate improvement in color print productivity.

- 31 pages per minute in color and black & white, with image quality up to 1200 x 1200 dpi.
- Standard duplexing runs at nearly the same speed as simplex.
- Standard 800 MHz controller and 256 MB memory (512 MB maximum).
- Optional 60 GB hard drive for on-demand reprinting.
- Print photos with PictBridge™-enabled digital camera\*.
- Support a variety of workflows with standard interfaces for Ethernet, USB 2.0 and USB Host Interface.

## Versatile Paper Handling

Expand the boundaries of color document creation with advanced paper-handling capabilities.

- Support for paper sizes up to 8.5" x 14" through the standard 550-Sheet Paper Tray and 100-Sheet Bypass Tray.
- Print banners up to 8.5" x 35" through the Bypass Tray.
- Three optional 550-Sheet Paper Feed Units available, for a total paper capacity of 2,300 sheets.
- Accepts paper weights up to 120 lb. Index.
- Reliable envelope feeding from all trays.
- Simplified print driver settings show the actual weight (in g/m<sup>2</sup>) of the paper in each drawer.

## Exceptional Ease of Use

The user-friendly Ricoh SP C420DN is designed for simple, convenient color printing.

- Streamlined control panel with 4-line LED.
- Use **Web Image Monitor** to check network settings, usage details and supply status remotely.
- Multiple security features, including print data encryption, user authentication and data overwrite.

## High Reliability, Low TCO

Expect reliable performance from a solid color laser printer that is built to last.

- Handles higher print volumes.
- Extremely low total cost of ownership (TCO) driven by long-lasting, affordable supplies.

## Your Environmental Partner

Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity, including:

- Quick Start-Up (QSU) Technology
- Power-Saving Sleep Mode
- Combine Copy Mode
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances



\*Optional Camera-Direct Print Card Required.

# Upgrade to Unstoppable.

Standard Integrated Duplexing

Top-Loading Design for Fast Toner Changeout

Standard USB 2.0, USB Host I/F and 10/100Base-T Ethernet



Larger LCD panel easily displays device and network settings, error messages, access logs, supply information, as well as jobs in the print queues. The Suspend/Resume button pauses jobs at the device and the print job data remains in memory and the job can be restarted.

Standard 100-Sheet Bypass Tray

Standard 550-Sheet Paper Tray

Optional 3 x 550-Sheet Paper Feed Units (For a Total Paper Capacity of 2,300 Sheets)

## Choose Your Configuration

## Configure the SP C420DN to Meet Your Budget and Your Requirements

All models feature:

- 800 MHz CPU
- Standard 256MB RAM/ Maximum 512MB RAM
- 10/100Base-TX, USB 2.0, USB Host Interfaces
- Drivers: Adobe PostScript 3, Ricoh RPCS, PCL 5c, PCL 6, XPS standard
- PDF Direct Print standard
- 60 GB Hard Disk Drive (optional)



Total Paper Capacity: 650 sheets



Total Paper Capacity: 1200 sheets



Total Paper Capacity: 1750 sheets



Total Paper Capacity: 2300 sheets



Total Paper Capacity: 1200 sheets

■ Base Model – includes 1 550 Sheet Paper Tray plus 100-Sheet Bypass Tray

■ Base Plus 1 x 550 Sheet Paper Feed Unit

■ Base Plus 2 x 550 Sheet Paper Feed Units

■ Base Plus 3 x 550 Sheet Paper Feed Units

■ Base Plus 2 x 550 Sheet Paper Feed Units and FAC29 Printer Stand

# Ricoh SP C420DN | System Specifications

## Main Unit: SP C420DN Part #: 402980

<b>Configuration Technology</b>	Desktop Laser-beam scanning, Electro-photographic, Dual component toner, 4 tandem drum method
<b>Resolution</b>	600 x 600 dpi (default); 1200 x 600 dpi; 1200 x 1200 dpi
<b>Printing Speed</b>	31 pages-per-minute in full-color and B&W
<b>First Print Speed</b>	Color: 15 seconds; B&W: 10 seconds
<b>Dimensions (WxDxH)</b>	17.6" x 23.2" x 19.2" (446 mm x 589.5 mm x 487 mm)
<b>Weight</b>	110 lb. or less (50 kg)
<b>Warm-Up Time</b>	Less than 30 seconds
<b>Power Source</b>	120V, 60Hz
<b>Maximum Power Consumption</b>	990W or less
<b>Energy Saver Mode</b>	6W or less
<b>Maximum Paper Capacity</b>	Up to 2,300 sheets
<b>Standard Paper Capacity</b>	550 sheets
<b>Bypass Tray</b>	100 sheets
<b>Optional Paper Feed Unit</b>	550 sheets (up to three paper feed units can be added)
<b>Automatic Duplex</b>	Standard (prints at nearly 100% simplex speed through standard tray)
<b>Output Capacity</b>	500 sheets, face down
<b>Paper Sizes (All Sources)</b>	Letter (8.5" x 11"), A4 (8.3" x 11.7"), A5 (210 x 297 mm), EXE (7.25" x 10.5"), B5 (6.9" x 9.8"), Legal (8.5" x 14") Custom Sizes: Standard Paper Tray and Optional Paper Feed Units: (width 3.9" – 8.5", length 5.8" – 14") Bypass Tray (width 2.8" – 8.5", length 5.5" – 35.4")
<b>Paper Weight (All Sources)</b>	14 lb. – 57 lb. Bond / 120 lb. Index (52 – 216 g/m <sup>2</sup> ) Duplexing: 16 lb. – 43 lb. Bond / 90 lb. Index (60 – 163 g/m <sup>2</sup> )
<b>Acceptable Paper Types (All Sources)</b>	Thick paper/Card stock (Up to 57 lb. / 120 lb. Index / 216 g/m <sup>2</sup> ), Plain Paper/Recycled Paper, Laser Printer Qualified Transparencies, Envelopes (Com 10, Monarch, C6, C5, DL)
<b>Safety Regulations</b>	UL UL60950, FCC Part 15 Class B device, Energy Star Tier 2 compliant

## Controller Specifications

<b>CPU</b>	PMC-Sierra RM7935-835L 800 MHz
<b>Printer Languages</b>	Adobe PostScript3, PCL 5c, PCL 6, Ricoh RPCS, PDF Direct, PictBridge™ (optional)
<b>Fonts</b>	136 PostScript 3 fonts, 45 PCL fonts, 13 International fonts
<b>Memory (RAM)</b>	256 MB RAM standard; 512 MB RAM maximum
<b>Hard Disk Drive</b>	60 GB optional (40 GB reserved for file storage)

<b>Standard Interfaces</b>	10/100Base-TX Ethernet, USB 2.0, USB Host I/F
<b>Optional Interfaces</b>	IEEE 1284, IEEE 802.11a/g Wireless LAN, Bluetooth Wireless, Gigabit Ethernet
<b>Network Protocols</b>	Simultaneous auto-sensing/auto switching TCP/IP, Novell IPX/SPX, AppleTalk
<b>Operating Systems</b>	Windows 2000/XP/Server 2003/Vista; 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, 10.2, 10.3 or later; UNIX (using Ricoh UNIX filter Phase 11) Sun Solaris, HP-UX, Red Hat Linux, SCO Open Server, IBM AIX (for UNIX support, visit <a href="http://www.ricoh-usa.com/downloads">www.ricoh-usa.com/downloads</a> ); SAP R/3 3.x or later
<b>Drivers</b>	RPCS/PCL 5c/PCL 6: Windows 2000/XP/Server2003/Vista XPS: Windows Vista (via download only) PS: Windows 2000/XP/Server 2003/Vista; Mac OS 8.6 – 9.2x, OS X 10.1 or later; UNIX: Sun Solaris, HP-UX, Red Hat Linux, SCO OpenServer, IBM AIX SmartDeviceMonitor for Admin, Web SmartDeviceMonitor, Web Image Monitor, DeskTopBinder V2 Lite, Printer Utility for Mac, Agfa Font Manager 2000, DeskTopBinder Professional (optional)
<b>Print Utilities</b>	

## Controller Options

<b>60 GB Hard Disk Drive</b>	Type 420	Part #402999
<b>IEEE 1284 Interface</b>	Type A	Part #411699
<b>IEEE 802.11a/g Interface</b>	Type L	Part #403000
<b>Bluetooth Interface</b>	Type 3245	Part #412866
<b>Gigabit Ethernet</b>	Type A	Part #402547
<b>Data Storage Card</b>	Type A	Part #402627
<b>VM Card</b>	Type H	Part #403054
<b>Device Customization: VM Card for Java-based device SDK option</b>		
<b>Camera Direct Print Card (SD Card)</b>	Type D	Part #402996
Enables direct printing from a PictBridge™-enabled digital camera, without a PC.		

## Memory Options

<b>128 MB Memory Unit</b>	Type G	Part #402965
<b>256 MB Memory Unit</b>	Type G	Part #414046
<b>144-pin DIMM SD-RAM (PC133 Compliant); Maximum 512 MB</b>		

## Security Options

<b>DataOverwriteSecurity System (DOSS) (optional)</b>	Type K	Part #402998
Overwrites latent data on the system's hard drive after print jobs.		
<b>HDD Encryption Unit (optional)</b>	Type C	Part #402997
Encrypts data stored in the device's NVRAM and on the Hard Disk Drive.		

## Other Security Features

SNMP v3 Authentication and Data Encryption (password/address book encryption); Print Data Encryption via Internet Printing Protocol (IPP); PDF Direct Print Password Protection; Locked (Secure) Print; 500 User Account Codes; User Authentication; WPA (Wi-Fi Protect Access Support)

## Paper Handling Accessories

<b>Paper Feed Unit Type 4000:</b>	Part #420165
<b>Paper Size</b>	Standard: Letter (8.5" x 11"), A4 (8.3" x 11.7"), A5 (210 x 297 mm), EXE (7.25" x 10.5"), B5 (6.9" x 9.8"), Legal (8.5" x 14") Custom: (width 3.9" – 8.5", length 5.8" – 14")
<b>Free Paper Weights</b>	14 – 57 lb. Bond /120 lb. Index (52 – 216 g/m <sup>2</sup> )
<b>Capacity</b>	550 sheets; up to 3 units may be added
<b>Printer Stand FAC29:</b>	Part #402390

## Consumables

<b>HY Black Toner Cartridge</b>	Part #888308	Yield: 15,000 pages*
<b>HY Yellow Toner Cartridge</b>	Part #888309	Yield: 15,000 pages*
<b>HY Magenta Toner Cartridge</b>	Part #888310	Yield: 15,000 pages*
<b>HY Cyan Toner Cartridge</b>	Part #888311	Yield: 15,000 pages*
<b>Black Toner Cartridge</b>	Part #888276	Yield: 5,000 pages*
<b>Yellow Toner Cartridge</b>	Part #888277	Yield: 5,000 pages*
<b>Magenta Toner Cartridge</b>	Part #888278	Yield: 5,000 pages*
<b>Cyan Toner Cartridge</b>	Part #888279	Yield: 5,000 pages*
<b>Photoconductor Unit Black</b>	Part #402319	Yield: 50,000 pages
<b>Photoconductor Unit Color</b>	Part #402320	Yield: 50,000 pages
<b>Waste Toner Bottle</b>	Part #402324	Yield: 50,000 pages
<b>Intermediate Transfer Unit</b>	Part #402323	Yield: 100,000 pages
<b>Maintenance Kit (Type C411)</b>	Part #402593	Yield: 100,000 pages
Includes Fusing Unit, Transfer Roller, Paper Feed Roller.		
<b>Paper Feed Roller for 3rd Paper Feed Unit</b>	Part #403066	Yield: 100,000 pages

\*Declared yield value in accordance with ISO/IEC 19798.

The SP C420DN ships with starter toner cartridges that yield 3,000 pages; all other consumables ship at full yield.

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

## Warranty

The Ricoh SP C420DN is under an on-site 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. Please see warranty shipped with the product for more details.

Specifications subject to change without notice.

**1-800-RICOH-43 (1-800-742-6443)**



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