

**Ricoh Aficio SP C222DN**  
Color Laser Printer  
A Printer Series with Impressive  
Power in a Desktop Design.

**RICOH**



sleek



color



smart

# Ricoh Aficio SP C222DN

## Cost-Effective Color Designed for Your Workflow.

The RICOH® Aficio® SP C222DN Series brings the power of the award-winning Ricoh high-volume color technology right to your desktop. These sleek, streamlined color laser printers are customized for small offices, small workgroups and single-user environments. That means they deliver exceptional color and sensational speed for this class, with a feature set that is perfectly aligned with your daily workflow. They are easy to use and maintain. Best of all, these reliable color laser printers are available at a price that makes sense for your budget.



# SimpleFastSmartStreamlined

## Serious Productivity

**Significantly upgrade your productivity with these fast yet affordable color laser printers.**

- Print in color without slowing down. Expect identical output speed for color and black & white documents from all three printers — either 21 pages-per-minute (SP C221N and SP C222DN) or 16 pages-per-minute (SP C220N).
- Minimize wait time with a first print speed of just 14 seconds.
- Accelerate job processing and finish important tasks quickly with a powerful 300 MHz controller\*.
- Reduce reloading interruptions with a maximum paper capacity of 751 sheets\*.
- Cut paper use in half and spend less on supplies with automatic duplexing\*\*.
- Situate these compact printers in a remote office, on a reception desk, in an executive suite, in a kiosk or other areas where space is limited.
- Accent your workplace with stylish details, including a soft curve design and two-tone gray coloring that complements the modern look of today's PCs.



Boost paper capacity on the SP C221N and SP C222DN to 751 sheets with the optional 500-Sheet Paper Feed Unit.

## Outstanding Ease of Use

**Small offices and workgroups need printers that are easy to operate and maintain. Simplicity is the driving force behind the Ricoh Aficio SP C222DN Series.**

- Check printer status at-a-glance to keep workflow moving. The user-friendly control panel features an alert light for error notification and LED indicators that tell you when supplies need to be replenished.
- Change supplies quickly with All-in-One Cartridges. Not only do they minimize the number of supplies to store, they have a no-mess design that allows for one-handed replacement.
- Access cartridges easily via the printers' convenient top-loading configuration.
- Manage printers remotely to save time in offices and workgroups. Status Image Monitor software lets you check supply levels and change settings via the Web.
- Print photos instantly without a PC. PictBridge™ support\*\* lets you connect a PictBridge compliant digital still camera directly to the printer.



All-in-One Cartridges and a top-loading design make it easy to replace supplies.

## Enhanced Quality and Reliability

**Depend on these cost-effective printers for laser-quality color and consistent, reliable performance.**

- Print reports, Web pages, presentations and other documents with crisp text and vibrant color. The Ricoh Aficio SP C222DN Series offers resolutions up to 2400 x 600 dpi.
- Take a step up from inkjet technology. Get consistent color quality on plain paper and fast output at high resolution, without the risk of smeared ink.
- Print company logos and brand colors confidently thanks to built-in color profiles.
- Minimize the risk of misfeeds with a short, simple paper path. If a misfeed occurs, this design allows you to access all paper from the front of the printer.

\*SP C221N and SP C222DN only.

\*\*SP C222DN only.

## 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
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances (RoHS) Compliant

# Ricoh Aficio SP C222DN Series

## System Specifications



### Engine Specifications

**Configuration:** Desktop  
**Technology:** Laser beam scanning and electro-photographic printing with mono component toner development, 4-drum tandem method

**Resolution:** 600 x 600 dpi (Speed Mode), 1200 x 600 dpi (Standard Mode), 2400 x 600 dpi (Fine Mode)

**Printing Speed:** SP C220N: 16 pages-per-minute in B&W and full-color  
 SP C221N / SP C222DN: 21 pages-per-minute in B&W and full-color

**First Print Speed:** Color: 14 seconds or less  
 B&W: 14 seconds or less

**Dimensions (WxDxH):** 16.0" x 18.0" x 12.8"  
**Weight:** 50.7 lbs. (includes consumables)

**Warm-Up Time:** 51 seconds or less

**Power Requirements:** 120V, 60Hz

**Maximum Power Consumption:** 1,300W or less

**Energy Saver Mode:** 15W or less

**Standard Paper Capacity:** 250-Sheet Paper Tray, 1-Sheet Bypass Tray

**Optional Paper Feed Unit:** SP C221N / SP C222DN: 500-Sheet Paper Feed Unit

**Maximum Paper Capacity:** SP C220N: 250 sheets + 1-Sheet Bypass Tray (Total of 251-Sheets)  
 SP C221N / SP C222DN: 250 sheets + 1-Sheet Bypass Tray + 500-Sheet Paper Feed Unit (Total of 751-Sheets)

**Output Capacity:** 150 sheets (face down)  
**Automatic Duplex:** Standard on SP C222DN

**Paper Sizes:** **Standard Tray:** Letter (8.5" x 11"), EXE (7.25" x 10.5"), B5 (6.9" x 9.8"), Legal (8.5" x 14"), Custom (Width 3.6" – 8.5", Length 5.8" – 14.24")  
**Optional Paper Feed Unit:** Letter (8.5" x 11"), A4 (8.3" x 11.7")  
**Bypass Tray:** Letter (8.5" x 11"), EXE (7.25" x 10.5"), B5 (6.9" x 9.8"), Legal (8.5" x 14"), Custom (Width 3.6" – 8.5", Length 5.8" – 14.24")

**Paper Weight:** **Duplex<sup>1</sup>:** Letter (8.5" x 11"), EXE (7.25" x 10.5"), B5 (6.9" x 9.8"), Legal (8.5" x 14")  
**Standard Tray and Bypass Tray:** 16 – 40 lb. Bond/ 83. lb. Index (60 – 160 g/m<sup>2</sup>)  
**Optional Paper Feed Unit:** 16 – 28 lb. Bond (60 – 105 g/m<sup>2</sup>)

**Acceptable Paper Types:** **Standard Tray and Bypass Tray:** Plain Paper, Recycled Paper, Envelopes, Glossy Paper, Thick Paper & Labels  
**Optional Paper Feed Unit:** Plain Paper, Recycled Paper

**Safety Regulations:** UL60950, FCC Part 15 Class B device, Energy Star<sup>®</sup> Color Printers – Tier 2

<sup>1</sup>SP C222DN only.  
<sup>2</sup>SP C220N and SP C222DN only.

### Controller Specifications

**CPU:** SP C220N: 192 MHz  
 SP C221N / SP C222DN: 300 MHz

**Printer Languages:** SP C220N: DDST  
 SP C221N / SP C222DN: PCL5c/6, PostScript 3 emulation

**Fonts:** SP C221N / SP C222DN: 80 fonts

**Memory:** SP C220N: 64 MB RAM standard/maximum  
 SP C221N / SP C222DN: 128 MB RAM standard, 640 MB RAM maximum

**Standard Interface:** SP C220N: USB 2.0, Ethernet 10/100Base-TX  
 SP C221N USB 2.0, Ethernet 10/100Base-TX  
 SP C222DN: USB 2.0, Ethernet 10/100Base-TX, USB Host I/F for Camera Direct Printing

**Optional Interface\*:** SP C220N / SP C221N / SP C222DN: IEEE 802.11b/g Wireless Bridge SX 2500CG

**Network Protocols:** SP C220N: TCP/IP  
 SP C221N and SP C222DN: TCP/IP, AppleTalk, IPX/SPX

**Operating Systems:** Windows 2000/XP/Server 2003/Vista;  
 Mac OS X v.10.2 – 10.4  
 Novell Netware v. 4.x or later<sup>\*</sup>

**Drivers:** DDST: Windows 2000/XP/Server 2003, Citrix Server; Mac OS X v. 10.2.8 – 10.4, Citrix Server  
 PCL 5c/6: Windows 2000/XP/Server 2003, Citrix Server; Mac OS X v. 10.2 – 10.4, Citrix Server  
 PostScript 3: Windows 2000/XP/Server 2003, Citrix Server; Mac OS X v. 10.2.8 – 10.4, Citrix Server

**Software Utilities:** Status Image Monitor  
 Smart Organizing Monitor

<sup>\*</sup>Please note the Wireless Bridge Option and 10/100Base-TX cannot operate simultaneously.

<sup>\*</sup>Only available with the SP C221N and SP C222DN.

### Controller Options\*

**256 MB RAM**  
**Memory Unit Type F 256MB:** 003310MIU  
**512 MB RAM**  
**Memory Unit Type F 512MB:** 003311MIU

<sup>\*</sup>Additional memory is only available on the SP C221N and SP C222DN.

### Optional Accessories

**Type TK1010:** Order# 406019  
**Paper Feed Unit\*:** Paper Size: Letter (8.5" x 11"), A4 (8.3" x 11.7")  
 Paper Weight: 16 – 28 lb. Bond (60 – 105 g/m<sup>2</sup>)  
 Capacity: 500 sheets

<sup>\*</sup>Paper Feed Unit is only available with the SP C221N and SP C222DN.

### Consumables\*

**Black All-in-One Cartridge:** 2,000 pages @ 5% coverage  
**Yellow All-in-One Cartridge:** 2,000 pages @ 5% coverage  
**Magenta All-in-One Cartridge:** 2,000 pages @ 5% coverage  
**Cyan All-in-One Cartridge:** 2,000 pages @ 5% coverage  
**Waste Toner Bottle:** 25,000 pages

<sup>\*</sup>The SP C220N, SP C221N and SP C222DN ship with starter All-in-One Cartridges that yield 1,000 pages. All other consumables ship at full yield. All-in-One Cartridge yields based on 5% coverage and 24 pages per job.

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

	SP C220N	SP C221N	SP C222DN
Output Speed (LTR)	16-ppm Full-color 16-ppm Black & white		21-ppm Full-color 21-ppm Black & white
Controller Type	Dynamic Data Stream Technology [DDST] (GDI)		PCL
CPU Speed	192MHz		300MHz
Std./Max. Memory	64MB / 64MB RAM		128MB / 640MB RAM
PDL Support	DDST		PCL 5c, PCL 6, PostScript3 emulation
Standard Interfaces	USB 2.0 10/100Base-TX Ethernet		USB 2.0, 10/100Base-TX Ethernet USB Host I/F for PictBridge
Std. Paper Supply	250-Sheet Standard Tray + 1-Sheet Bypass Tray		
Opt. Paper Supply	None		500-Sheet Paper Feed Unit
Duplexing	Manual		Automatic
PANTONE™ Support <sup>1</sup>	No		Yes

<sup>1</sup>Please contact your sales professional for release date



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NOTE: The Ricoh Aficio SP C221N model does not meet Energy Star compliance.

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