

Ricoh Aficio SP C311N/SP C312DN
Color Laser Printer
Essential Color for Everyday Workflow

RICOH



affordable



productive



convenient



Ricoh Aficio SP C311N/SP C312DN Color Laser Printer

Energize documents, reduce expenses.

Trust the RICOH® Aficio® SP C311N & SP C312DN color laser printers to deliver all the essentials you need at a price that makes sense for small businesses and other budget-minded organizations. This compact, convenient printer provides outstanding productivity for the color and black & white documents you work with every day. Its simple, intuitive design is extremely easy to use. Plus, it combines a highly competitive price with low total cost of ownership. All of which makes the SP C311N/SP C312DN a smart, cost-effective choice for small offices and workgroups in any industry.



ColorSimplicityQualityValue

Exceptionally Affordable Color

Give your documents a more professional look and feel with business-quality color.

- Maintain cost savings over time with a competitive cost-per-page for both color and black & white jobs.
- Select the right supplies for your workflow, with a choice of conventional cartridges or high-yield cartridges that reduce cost-per-page even more.
- Print presentations, proposals and other business documents in bright, eye-catching color with resolutions up to 2400 x 600 dpi.
- Print photos without connecting to a PC or installing software. Just plug a PictBridge-enabled digital still camera directly into the SP C312DN and print.
- Support environmental sustainability with a combination of fast warm-up, duplex output (on the SP C312DN) and the Ricoh toner cartridge recycling program.

Highly Productive

The Ricoh Aficio SP C311N/SP C312DN delivers everything you need to ensure high productivity and handle your workload with ease and efficiency.

- Keep up a steady pace no matter what kind of documents you are printing. This printer offers 26 pages-per-minute speed for full-color and black & white output.
- Get printed pages without waiting. Warm-up time is less than 30 seconds, and time to first print is less than 13.5 seconds.
- Print large files without disrupting your workflow. The Ricoh Aficio SP C311N/SP C312DN offers powerful memory capabilities, with 128 MB standard that can be expanded to 640 MB.
- Make fewer trips to print-for-pay shops. Print on sizes up to 8.5" x 14" through the Standard Tray, and use the Bypass Tray for thick stocks (up to 110 lb. Index) and banner printing (up to 8.5" x 35").
- Cut paper usage in half for multi-page reports, plans, white papers or training documentation. The SP C312DN comes standard with duplex printing.

Ultimate Convenience

Designed to maximize your convenience, the Ricoh Aficio SP C311N/SP C312DN includes a variety of features that help make every printing task easier.

- Replace parts and supplies quickly and easily, with no training. Even beginners can change out the All-In-One (AIO) Toner Cartridge in seconds.
- Remove the occasional misfeed quickly and easily, without moving the printer or opening a rear panel. Access the entire paper path through a pull-open front door.
- Change the paper size, prepare to print on envelopes, check supply levels or adjust settings at the intuitive, easy-to-use LCD control panel.
- Manage the printer remotely in a workgroup setting with the Web Image Monitor utility, which makes it easy to change settings and check paper and toner status.
- Save space on the desktop with this printer's compact footprint.



Expand your flexibility by printing full-color and black & white documents on sizes up to 8.5" x 14" and weights up to 110 lb. Index, as well as banners up to 8.5" x 35".



Any user can replace the All-In-One Toner Cartridge in just a few seconds without any training or special tools.

The Total Green Office Solution



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

Ricoh Aficio SP C311N/SP C312DN

System Specifications

Aficio®

System Specifications

Main Unit	SP C311N – Part #406466 SP C312DN – Part #406467
Configuration	Desktop
Technology	Laser beam scanning, color laser electrophotographic printing with monocomponent toner development, 4-drum tandem method
Resolution	600 x 600 dpi (default), 1200 x 600 dpi, 2400 x 600 dpi
Printing Speed	B/W: 26 ppm (Letter), FC: 26 ppm (Letter)
First Print Speed	13.5 sec. or less
Auto Duplex	SP C312DN only
Standard Paper Capacity	500 sheets
Bypass Tray	100 sheets
Optional Paper Feed Unit	500 sheets (one Paper Feed Unit may be added)
Maximum Paper Capacity	Up to 1,100 sheets
Output Capacity	150 sheets (face down)
Acceptable Paper Sizes	Standard Paper Trays: Letter (8.5" x 11") to Legal (8.5" x 14"), A4 (8.27" x 11.69"), B5 (6.93" x 9.84"); Bypass Tray: 3.56" x 5.85" to 8.5" x 14", A4 (8.27" x 11.69"), A5 (5.8" x 8.3"), B5 (6.93" x 9.84"), Banners (up to 8.5" x 35") Optional Paper Feed Unit: Letter (8.5" x 11"), A4 (8.27" x 11.69")
Acceptable Paper Weights	Standard Tray and Optional Paper Feed Unit: 16 – 28 lb. Bond (60 – 105 g/m ²); Bypass Tray: 16 – 53 lb. Bond/110 lb. Index (60 – 200 g/m ²); Duplex Unit (SP C312DN only): 16 – 28 lb. Bond (60 – 105 g/m ²)
Acceptable Paper Types	Standard Tray and Optional Paper Feed Unit: Plain Paper, Recycled Paper, Pre-punched Paper, Thin Paper, Color Paper, Pre-printed Paper, Letterhead Bypass Tray: Plain Paper, Recycled Paper, Application Paper, Envelope, Glossy, Thick Paper, Label, Thin Paper, Cardstock

Dimensions (WxHxD)	15.8" x 15.2" x 18.9" (400 mm x 387 mm x 480 mm)
Weight	61.73 lb. (28.0 kg)
Warm-Up Time	30 sec. or less
Power Source	120V, 60Hz
Power Consumption	Maximum: 1300W or less Energy Saver: 15W or less
Safety Regulations	UL60950-1, FCC Part 15 Class B device, Energy Star Color Printers – Tier 1 (SP C312DN only)

Controller Specifications

CPU	400 MHz
Printer Languages	PCL 5c/6, PostScript 3 emulation
Fonts	PCL/PS3: HP80 fonts
Memory (RAM)	128 MB standard/640 MB maximum
Standard Interfaces	USB 2.0, 10/100Base-TX Ethernet, PictBridge (SP C312DN only)
Optional Interface	IEEE 802.11b/g
Network Protocols	TCP/IP, IPX/SPX, AppleTalk
Operating Systems	Windows 2000/XP/Server 2003/Vista/Server 2008; Mac OS X v.10.2+; Novell NetWare 4.x+; Citrix MetaFrame; UNIX (using Ricoh UNIX filter)
Drivers	PCL 5c/6: Windows 2000/XP/Server 2003/Server 2008/Vista; PostScript 3: Windows 2000/XP/Server 2003/Server 2008/Vista, Mac OS X Native (v 10.2.8 – 10.5)

Controller Options

256 MB Memory Unit	Type F	Part #003310MIU
512 MB Memory Unit	Type F	Part #003311MIU
IEEE 802.11b/g SX-2500CG Wireless Adaptor		Part #100118FNG

Optional Accessories

Paper Feed Unit	Part #406019
Type TK1010	Paper Size: Letter (8.5" x 11"), A4 (8.3" x 11.7"); Paper Weight: 16 - 28 lb. Bond (60 g/m ²) Capacity: 500 sheets

Software Utilities

SmartDeviceMonitor
Web Image Monitor

Consumables and Yields

Toner Type SP C310A Black	2,500 prints*	Part #406344
Toner Type SP C310A Cyan	2,500 prints*	Part #406345
Toner Type SP C310A Magenta	2,500 prints*	Part #406346
Toner Type SP C310A Yellow	2,500 prints*	Part #406347
Toner Type SP C310HA Black	6,500 prints*	Part #406475
Toner Type SP C310HA Cyan	6,000 prints*	Part #406476
Toner Type SP C310HA Magenta	6,000 prints*	Part #406477
Toner Type SP C310HA Yellow	6,000 prints*	Part #406478
Maintenance Kit**	90,000 prints	Part #406081
Type SP C310		
Intermediate Transfer Unit	90,000 prints	Part #406067
Type SP C310		
Waste Toner Bottle	55,000 prints	Part #406066
Type SP C310		

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

Ships with toner kits (2,500 prints for all toners); all other consumables ship at full yield.

**Maintenance Kit consists of the Fusing Unit and Transfer Roller.

Specifications subject to change without notice.

Warranty

The Ricoh Aficio SP C311N/SP C312DN 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 document shipped with the product for more details.

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