

Desktop B&W Laser & Multi Function Printers

# RICOH SP 311DNw SP 311SFNw

✓ Printer ✓ Copier ✓ Scanner ✓ Fax

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SP 311DNw

28 B/W  
ppm

SP 311SFNw

28 B/W  
ppm

# Fast, compact monochrome all-in-one printers with low energy consumption

Small, smart and energy-efficient, the SP 311DNw and SP 311SFNw are designed to impress. Compact enough to fit unobtrusively on a desk, these innovative black and white A4 laser printers will astound you with their speed and efficiency. The devices are easy to operate and simple to maintain. Their energy consumption is very low, and they incorporate a host of environmentally-responsible features such as Energy Saver mode and automatic duplex to lower your carbon footprint. In short, if you're looking for fast, compact, energy-efficient, versatile black and white printers, you'll find them in the SP 311DNw/SP 311SFNw.

- Simple, full-front operation and easy maintenance
- Built-in network card
- PCL support & WiFi
- Short warm-up time and fast print speed
- Low running costs with energy-saving features



# Save costs while increasing productivity

## Budget-friendly and highly productive

The long-lasting, high-yield, all-in-one toner cartridge gives you an attractive cost per print. Along with a low hardware price, the SP 311DNw/ SP 311SFNw are therefore affordable investments for cost-conscious offices. These devices are also extremely productive. They only take 30 seconds to warm up and speed along at a fast 28 pages per minute. Automatic duplex further improves productivity – and saves paper too.

## Easy to use

Full-front operation is straightforward as all the devices feature just a few buttons. The SP 311SFNw's 4-line display provides clearly legible instructions, and replacing the cartridge is also easy. The multi-function model SP 311SFNw allows you to print at a resolution of 1,200 dpi and scan in high-resolution colour. You can also send scans to email, folder or FTP and copy both sides of an ID card onto one side of paper. For all models the standard tray takes up to 250 sheets while the 50-sheet bypass tray can be used as second paper tray.



## Simple to connect

With standard USB 2.0 and a built-in Network Interface Card (all models), plus WiFi possibilities, these devices will fit neatly into your existing network. You can send each job to the most appropriate network machine. That way, you get the best value from each of your output systems. Fax quickly and efficiently (SP 311SFNw) with PC Fax and Super G3 Fax capabilities.

## Environmentally responsible

Lower your environmental impact with features such as short warm-up time, sleep mode, automatic duplex printing, Energy Saver mode, and low Typical Electricity Consumption. In addition, these devices are Energy Star compliant. This means less CO<sub>2</sub> is produced in providing the energy needed to run them.



# RICOH SP 311DNw/SP 311SFNw

## MAIN SPECIFICATIONS

GENERAL		4 in 1 SP 311SFNw	Single Function SP 311DNw
Type		Desktop	
Technology	Print Engine	Electrophotographic	
	Scanning Method	CIS	
Operation Panel		4 line LCD	
Printing Speed A4		Up to 28 ppm	
First Print Speed		Less than 8 sec	
Warm-up Time		Less than 30 sec	
Processor		360 MHz	
Memory (Standard / Max)		128 MB / 128 MB	
Printing Resolution		1200 x 600 dpi / 600 x 600 dpi	
Duplex Printing		Auto	
Host / Network Interface (Standard)		USB2.0 / 10BASE-T/100BASE-TX Ethernet / IEEE802.11b/g/n	USB2.0 / 10BASE-T/100BASE-TX Ethernet / IEEE802.11b/g/n
Network Protocol		TCP/IP (IPv4, IPv6), IPP	
Operating Systems		Windows XP/Vista/7/8, Server 2003/2008/2012 (32bit/64bit)	
Input capacity (A4/LT)	Standard Tray	250 sheets (80 g/m <sup>2</sup> )	
	Bypass tray	50 sheets (80 g/m <sup>2</sup> )	
Output capacity	Face down	Up to 50 sheets (A4/LT or 80 g/m <sup>2</sup> )	Up to 125 sheets (A4/LT or 80 g/m <sup>2</sup> )
Input Paper Size	Standard Tray	A4, B5, A5, B6, A6, Legal, Letter, HLT, Executive, F, Foolscap, Folio, 16K Custom size: Min. 100 x 148 mm, Max. 216 x 356 mm	
	Bypass Tray	A4, B5, A5, B6, A6, Legal, Letter, HLT, Executive, 16K Envelope: #10, Monarc, C5, C6, DL Custom size: Min. 90 x 140 mm, Max. 216 x 356 mm	
Media Type	Standard Tray	Plain Paper, Recycled Paper, Thick Paper, Thin Paper	
	Bypass Tray	Plain Paper, Recycled Paper, Thick Paper, Thin Paper	
Paper Weight	Standard Tray	52-162 g/m <sup>2</sup>	
	Bypass Tray	52-162 g/m <sup>2</sup>	
	Duplex	60-105 g/m <sup>2</sup>	
ADF	Capacity	35 sheets	
	Original Size	Min. 139.7 x 139.7 mm / Max. 215.9 x 355.6 mm	
	US version		
Power		220-240V, 50/60Hz	
Dimension (WxDxH)		405 x 392 x 390 mm	370 x 392 x 262 mm
Weight (All-in-one Cartridge incl.)		17.5 kg	12.7 kg
<b>CONSUMABLES</b>			
Starter Toner		Approx. 1,000 pages	
High Yield Toner		Approx. 3,500 pages	
*Conditions: 1) ISO/IEC19752 is used to measure the above toner yield. 2) The condition is standard temperature and humidity. 3) This yield number may change depending on the circumstances and printing conditions.			
Duty Cycle		Less than 20,000 Pages/Month	
Recommended Monthly Print Volume		Average: 700 pages/month Maximum: 3,300 pages/month	
<b>ECOLOGY</b>			
Power Consumption	In Active	890W or less	
	Standby	50W or less	
	Sleep	3.8W or less	
<b>COPIER</b>			
First Copy Speed		Less than 8 sec	
Maximum Original Size	Platen	A4 (210 x 297mm) / Letter (215.9 x 279.4mm)	
	ADF	Legal (215.9 x 355.6mm) / A4 (210 x 297mm) / Letter (215.9 x 279.4mm)	
Copy Speed		Up to 28 cpm	
Multiple Copy		Up to 99	
Resolution (Flatbed / ADF)		600 x 600 dpi / 600 x 300dpi	
Reduction / Enlargement		25% to 400% in 1% increments	
Image Density Adjustment		Yes, Manual only: 5 levels	
Copy Mode (Image Quality Mode)		Text / Photo / Mixed	
Auto Duplex Copy		Yes	
Combine Copy		2 in 1, 4 in 1 (ADF only for A4/LT)	
ID Card Copy		Yes	
<b>SCANNER</b>			
Color / Mono		Colour	
Optical Resolution		1200 x 1200 dpi	
Mechanical Resolution		100x100dpi - 600x600dpi	
Scan Modes/ Speed (A4, 300dpi, USB2.0)		ADF: (B/W, Gray Scale) Less than 5 sec. (Colour) Less than 10 sec Platen: (B/W, Gray Scale) Less than 5 sec. (Colour) Less than 10 sec	
Maximum Original Size	Platen	Width max: Up to 216mm, Length max: Up to 297mm	
	ADF	Width max: Up to 216mm, Length max: Up to 356mm	
Scan Depth (Input/ Output)		16 bit color processing/ 8 bit color processing	
TWAIN Compliant		TWAIN	
Scanner Utilities & Drivers		TWAIN Driver	
Scan to Email		Yes	
Scan to Folder		Yes	
Scan to FTP		Yes	
Scan to USB Memory		N/A	
<b>FAX</b>			
Fax Type		G3, PC fax - Transmission only	
Fax Circuit		PSTN, PBX	
Communication Mode		T.30	
Document Size	ADF	Width: 139.7-215.9mm, Length: 139.7-355.6 mm	
	Platen	Width max: 216 mm, Length max: 297 mm	
Maximum Scanning and Printing Size		Max. 215.9 mm	
Resolution		100 x 200 dpi - 8 x 3.85 lines/mm 200 x 200 dpi - 8 x 7.7 lines/mm	
Scanning Speed		Less than 5 sec	
Fax Modem Speed		2,400 bps - 33.6 Kbps	
Fax Transmission Speed		Approx. .3sec	
SAF Memory		100 pages (ITU No.1 chart, Compression: MMR, Resolution: Standard)	
Memory Backup		Yes (Flash memory)	
One Touch Dial		8 locations	
Speed Dial		200 locations	
Contrast Control (Density)		Manual - Light/ Normal/ Dark	
Serial Broadcasting		100 numbers	
Automatic Redial		5/4/3/2 times after 5 minutes (Default 5 times)	
Auto Answer		3 - 5 rings (Default 3 rings)	
Fax Modes	Transmission	Immediate, Memory	
	Reception	Automatic, Manual, Substitute	
Other Supported Features		Book fax, Called Subscriber Identification (CSI), Direct fax number entry, Error correction mode, Image reduction, Page retransmission, Smoothing, Transmit Terminal Identification (TTI), Time Indicator (clock)	

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