A4 Black and White Printer and MFP

RICOH
SP 230DNw
SP 230SFNw

☑ Copier ☑ Printer ☑ Facsimile ☑ Scanner

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RICOH
SP 230DNw

30 ppm Monochrome

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SP 230SFNw

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Compact and Robust

The SP 230 series are A4, Mono laser printers providing print speed up to 30 pages per minute (ppm). The SP 230DNw is a single function printer while the SP 230SFNw is a multifunction printer (MFP) providing copy, print, scan, and fax functions.

The devices provide high-quality prints at 1200 x 1200 dpi resolution, automatic duplex printing, and support for 60 - 230 g/m^2 paper weights. The support for Windows, Macintosh, and Linux operating systems ensure that the devices can be used in a wide variety of workplaces.

The SP 230DNw and SP 230SFNw come with Wi-Fi Direct connectivity as standard and are Google Cloud Print-ready, which allows any smart device or PC with a cloud-aware application to print to the devices. Direct mobile printing from Android and Apple devices are also supported via Mopria and AirPrint standards respectively.

Additionally, the devices are compact in size and provide quiet operation, leading to greater efficiency and user productivity especially in smaller office environments.

Productivity at 30ppm

The SP 230 series provides crisp and clear output at 1200 x 1200 dpi resolution, which makes them ideal for business use without straining the budget.

Support for 60-230 g/m^2 paper weights as well as envelopes enable customers to print a wider variety of applications in-house.

Enable your mobile workforce

Easy mobile printing via Wi-Fi Direct, Mopria, AirPrint and Google Cloud Print. No longer locked down to your desk, print on the go, anytime, anywhere.

The SP 230 series come with standard duplex for mono printing and color scanning, boosting your work efficiency.

Environment conscious

SP 230 series features quiet operation that is beneficial for placement in small rooms.

Reduce paper costs with default duplex print. Cut energy costs with Sleep Mode when device is inactive.

These devices are compliant with the industry-leading Energy Star energy saving standard.

MODEL	SP 230DNw	SP 230SFNw
GENERAL		
Configuration	Desktop	
Technology	Laser (Mono)	
Functions	Print	Print, Copy, Scan, Fax
Display	1 line LCD	2 line LCD
Processor	600 MHz	
Memory	128 MB	256 MB
Mobile Capability	Airprint, Google Cloud Print, Mopria	
Printer Language	GDI	
Interface	Ethernet 10Base-T / 100Base-TX, IEEE802.11b/g/n, USB 2.0	
Network Protocol	TCP/IP	
Operating System	Windows 7/8.1/10, Windows Server 2008/2012/2012 R2/ 2016, MAC OS X10.11 - 10.13, Redhat Enterprise7 x64, Fedora24x32, Fedora25x64, Mageia5 x32, Mageia5 x64, openSUSE13.2 x32, openSUSE42.2 x64, SUSE Enterprise12.2 x64, Debian8.3.0 x32, Debian8.3.0 x64, Ubuntu17.04 x32, Ubuntu17.04x64, Ubuntu17.10x64, LinuxMint18 x32, LinuxMint18 x64, Ubuntu14.04 x64	
PRINT		
Duplex Printing	Auto	
Print Speed (A4)	30 ppm (Simplex), 7.5 ppm (Duplex)	
First Print Out Time	8.5 seconds or less	
Warm Up time	28 seconds or less	
Print Resolution	600 x 600 dpi (Default) 300 x 300 dpi, 600 x 600 dpi, 1,200 x 1,200 dpi, 2,400 x 600 dpi	
Average Print Volume	400 - 1,000 pages	400 - 1,000 pages
Duty Cycle	15,000 pages/month	
COPY		
Copy Speed (A4)	-	Up to 30 ppm
Document Feeder Type	-	Automatic Document Feeder
Document Feeder Capacity	-	50
Resolution	-	600 x 600 dpi (ADF), 1,200 x 1,200 dpi (Platen)
Multiple Copy	-	Up to 99
Copy Features	-	Zoom Range: 25%-400%, Image Quality: Auto/Text/Photo/Receipt, Image Density: 5 levels, ID Card Copy
SCAN		
Scan Speed (A4 ADF)	-	Mono: 22.5 impressions/minute, Color: 7.5 impressions/minute
Resolution	-	600 x 600 dpi (ADF) 1,200 x 1,200 dpi (Platen)
Original Size	-	A4
Bundled Drivers	-	Network TWAIN
Scan To	-	Scan to folder, Scan to searchable PDF, Scan to PDF/A, TWAIN scanning
FAX		
Circuit	-	PSTN, PBX
Compatibility	-	V34 (Super G3)
Resolution	-	Horizontal: 203 dpi-8dots/mm, Vertical 98 dpi-3.85dots/mm, 196 dpi-7.7dots/mm, 392 dpi-15.4dots/mm
Transmission Speed	-	33.6 Kbps with automatic shift down
Compression Method	-	MH, MR, MMR, JBIG
Reception Features	-	Automatic, Manual, Substitute, Authorised (100 addresses), Time stamp printing, Toner saving mode, Duplex
Other Supported Features	-	Memory backup, Quick dial/speed dial, Direct fax number entry, Dual access, User code, Auto reduction, Summer time, User function key, Clock adjustment, User parameter settings, User data transfer Transmitter Terminal Identification (TTI), Called Subscriber Identification (CSI), All document transfer, Double check destination address, Paperless fax reception, Universal send - simultaneous fax and scan
PAPER HANDLING		
Recommended Paper Size	A4, B5(JIS), A5, A6, LT, Executive	
Paper Input Capacity	250 sheets (Bypass: 1sheet), Maximum: 251 sheets	
Paper Output Capacity	150 sheets	120 sheets
Paper Weight	60 to 163 g/m^2 (Bypass: 60 to 230 g/m^2)	
ECOLOGY		
Dimensions (W x D x H)	356 mm x 361 mm x 183 mm	410 mm x 399 mm x 318 mm
Weight	Less than 7.3 kg	Less than 11.8 kg
Power Consumption (Max)	1,104 W or less	
Ready Mode	48 W	42 W
Energy Saver (Sleep)	6 W	6.2 W
Power Source*	220 - 240 V, 50/60 Hz, 4.6 Amps or less	
Energy Star	Energy Star v2.0	
Green Labels	Blue Angel Mark (BAM), Hong Kong Energy Saving Label	
CONSUMABLES		
Toner Cartridges (K) (Regular Yield)	Black: Approx. 1,200 pages	
Toner Cartridges (K) (High Yield)	Black: Approx. 3,000 pages	
Photo Conductor/Developer Unit	Approx. 12,000 pages	
Consumable yield measuring method ISO/IEC 19752		
Shipped with Starter Toner that yield approximately (Black: Approx. 700 pages)		

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