

A4 B&W Printer and MFP

RICOH
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RICOH SP 230DNw SP 230SFNw

Copier Printer Facsimile Scanner



RICOH
SP 230DNw

30
ppm Monochrome

RICOH
SP 230SFNw

30
ppm Monochrome

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/m² paper weights. The support for Windows®, Macintosh, and Linux operating systems ensure that the devices can be used in a wide variety of workplaces.

RICOH SP 230DNw and SP 230SFNw come with Wi-Fi Direct connectivity as standard and allow direct mobile printing from Android and Apple devices via Mopria® and AirPrint® 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/m² 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® and AirPrint®. 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 colour 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.



RICOH SP 230DNw / SP 230SFNw

MAIN SPECIFICATIONS

| 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 | Apple AirPrint®, 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, Colour: 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 | 401 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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