A4 B&W Printer and MFP

RICOH imagine. change.

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RICOH SP 230DNw SP 230SFNw

☑Copier ☑Printer ☑Facsimile ☑Scanner



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 $60 - 230 \text{ g/m}^2$ paper weights. The support for Windows®, Macintosh, and Linux operating systems ensure that the devices can be used in a wide variety of workplaces.

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

Configuration	MODEL	SP 230DNw	SP 230SFNw
Contiguestation Continues		3F 23UDIWW	3F 23U3FNW
Territorings		Dockton	
Functions		· ·	
### Processor Mobile Capability 128 MB			
Memory	· ·		
Apple Airment Apple Airmen	Processor	600	
Printer Language Comment Comme	Memory	128 MB	256 MB
Interface	Mobile Capability	Apple AirPrint®, Mopria®	
Network Printers	Printer Language	GDI	
## Windows* 78.110, Windows* 25-ever 2008/2012/2012 R2 2016, MAC CD XX 10.1 1-10.3, Reducing 566, Febrora 23-02, Febrora 23-026, Maggies 54.3, Maggies 54.3	Interface	Ethernet 10Base-T / 100Base-	TX, IEEE802.11b/g/n, USB 2.0
Magelas 132, Magelas 142, Ma	Network Protocol	TCI	P/IP
Duples Printing	Operating System	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,	
First Speed (A4) First Print Out Time	PRINT		
First Speed (A4) First Print Out Time	Duplex Printing	Au	ito
First Print Out Time	<u> </u>		
Warm Up time			
Print Resolution			
Average Print Volume	· ·		
Duty Cycle			
Copy Speed (AP) -			
Capy Speed (AAD		15,000 pages/month	
Document Feeder Type			
Document Freeder Capacity -	Copy Speed (A4)	-	Up to 30 ppm
Resolution .	Document Feeder Type	-	Automatic Document Feeder
Multiple Copy Copy Features - Zoom Range: 25%-000%, Image Quality: AutorText/Photo/Receipt, Image Density: 5 levels, ID Card Copy	Document Feeder Capacity	-	50
Multiple Copy Copy Features - Zoom Range: 25%-000%, Image Quality: AutorText/Photo/Receipt, Image Density: 5 levels, ID Card Copy	Resolution	-	600 x 600 dpi (ADF), 1,200 x 1,200 dpi (Platen)
Copy Features - Zoom Range: 25%-4009s, Image Quality; Auto/Text/Photo/Receipt, Image Density; 5 levels, ID Card Copy	Multiple Copy	-	
Copy Features			·
Sean Speed (AA ADF)	Copy Features	-	
Resolution - 600 x 600 dpi (ADP), 1,200 x 1,200 dpi (Platen) Original Size - A4 Bundled Drivers - Scan To - Scan to folder, Scan to searchable PDF, Scan to PDF/A, TWAIN scanning FAX Circuit - PSTN, PBX Circuit - Ay A5 (Super G3) Resolution - Vertical 98 dpi-3.83doithymn, 156 dpi-7.7045/lm, 322 dpi-15.4dots/mn Resolution - Vertical 98 dpi-3.83doithymn, 156 dpi-7.7045/lm, 322 dpi-15.4dots/mn Transmission Speed - Ay A5 (Super G3) Reception Features - Automatic, Manual, Substitute, Authorised (100 addresses), Time stamp printing, Toner saving mode, Duplex Memory backup, Quick dialipseed dial, Direct tax number entry, Dual access, User code, Autor eduction, summer time, User function key, Clob Other Supported Features - Automatic, Manual, Substitute, Authorised (100 addresses), Time stamp printing, Toner saving mode, Duplex Memory backup, Quick dialipseed dial, Direct tax number entry, Dual access, User code, Autor eduction, summer time, User function key, Clob Other Supported Features - Automatic, Manual, Substitute, Authorised (100 addresses), Time stamp printing, Toner saving mode, Duplex Memory backup, Quick dalispeed dial, Direct tax number entry, Dual access, User code, Autor reduction, summer time, User function key, Clob Other Supported Features - Automatic, Manual, Substitute, Authorised (100 addresses), Time stamp printing, Toner saving mode, Duplex Memory backup, Quick dalispeed dial, Direct tax number entry, Dual access, User code, Autor reduction, summer time, User function key, Clob Other Supported Features - Automatic, Manual, Substitute, Authorised (100 addresses), Time stamp printing, Toner saving mode, Duplex Memory backup, Quick dalispeed dial, Direct tax number entry, Dual access, User code, Autor reduction, summer time, User function key, Clob Other Supported Features - Autor advanced to the Code of the Cod			
Original Size	Scan Speed (A4 ADF)	-	,
Bundled Drivers Scan To Scan To Scan To Scan to folder, Scan to searchable PDF, Scan to PDF/A, TWAIN scanning FAX Circuit Scompatibility Secolution Secolution Secolution Secolution Stansmission Speed Secolution Secoluti	Resolution	-	600 x 600 dpi (ADF), 1,200 x 1,200 dpi (Platen)
Scan To folder, Scan to searchable PDF, Scan to PDF/A, TWAIN scanning PDX Circuit - PSTN, PBX Compatibility - Staff (super G3) Resolution - Poly (super G3) Resolution - Resolution - Poly (super G3) Resolution -	Original Size	-	Α4
FAX Circuit . PSTN, PBX Compatibility . V34 (Super G3) Resolution . Vertical 98 dipi-38.56stoximm, 196 depi-7.76dtoximm, 392 dpi-15.4dots/mm, 197 depi-7.7dots/mm, 392 dpi-15.4dots/mm, 198 dpi-7.7dots/mm, 392 dpi-15.4dots/mm 198 dpi-7.7dots/mm, 392 dpi-15.4dots/mm, 392 dpi-15.4dots/mm, 392 dpi-15.4dots/mm, 392 dpi-15.4dots/mm, 392 dpi-15.4dots/mm, 39	Bundled Drivers	-	Network TWAIN
Circuit -	Scan To	-	Scan to folder, Scan to searchable PDF, Scan to PDF/A, TWAIN scanning
Resolution	FAX		
Resolution - Netroitable 1:20 dgi-8dots/mm, 196 dgi-7.7dots/mm, 392 dgi-15.4dots/mm Transmission Speed - 33.6 Kbps with automatic shift down Compression Method - MH, MR, MMR, JBIG MH, MR, MR, MMR, JBIG MH, MR, MMR, JBIG MH, MR, MR, MR, MR, MR, MR, MR, MR, MR, MR	Circuit	-	PSTN, PBX
Resolution - Netroitable 1:20 dgi-8dots/mm, 196 dgi-7.7dots/mm, 392 dgi-15.4dots/mm Transmission Speed - 33.6 Kbps with automatic shift down Compression Method - MH, MR, MMR, JBIG MH, MR, MR, MMR, JBIG MH, MR, MMR, JBIG MH, MR, MR, MR, MR, MR, MR, MR, MR, MR, MR	Compatibility	-	V34 (Super G3)
Vertical 98 dpi-3.85dots/mm, 196 dpi-7.7dots/mm, 92 dpi-15.4dots/mm Transmission Speed -	· · · ·		
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 Properties and Jackson State of the Supported Features - Memory backup, Quick dial/speed dial, Direct fax number entry, Dual access, User code, Autor eduction, Summer time, User function key, Clock adjustment, User parameter settings, User data transfer Transmitter Terminal Identification (17), Alled Subscriber Identification (150), All adjustment, User parameter settings, User data transfer Transmitter Terminal Identification (171), Called Subscriber Identification (150), All adjustment, User parameter settings, User data transfer Transmitter Terminal Identification (171), Called Subscriber Identification (150), All adjustment, User parameter settings, User data transfer Transmitter Terminal Identification (171), Called Subscriber I	Resolution	-	
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Other Supported Features - access, User code, Auto reduction, Summer time, User function key, Clob 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 reception, Universal	Reception Features	-	printing, Toner saving mode, Duplex
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Recommended Paper Size A4, BS(JIS), A5, A6, LT, Executive Paper Input Capacity 250 sheets (Bypass: 1sheet), Maximum: 251 sheets Paper Output Capacity 150 sheets 150 sheets 60 to 163 g/m² (Bybass: 60 to 230 g/m²) Paper Weight 60 to 163 g/m² (Bybass: 60 to 230 g/m²) Paper Weight 750 to 230 g/m² Dimensions (W x D x H) 356 mm x 361 mm x 183 mm 401 mm x 399 mm x 318 mm Power Consumption (Max) Less than 7.3 kg Less than 11.8 kg Power Consumption (Max) 42 W Ready Mode 48 W 42 W Ready Mode 6W 6W 6A W Power Source* 200 240 V, 50/60 Hz, 4.6 Amps or less Energy Star 6Fergy Star 6Fergy Star 200 240 V, 50/60 Hz, 4.6 Amps or less Energy Star 8Fergy Star 8Blue Angel Mark (BAM), Horry Kong Energy Saving Label CONSUMABLES Toner Cartridges (K) (Regular Yield) Black: Approx. 1,200 pages Photo Conductor/Developer Unit Approx. 3,000 pages Photo Conductor/Developer Unit Consumable yield measuring method ISO/IEC 19752	Other Supported Features	-	adjustment, User parameter settings, User data transfer Transmitter Terminal Identification (TTI), Called Subscriber Identification (CSI), All document transfer, Double check destination address, Paperless fax
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