RICOH

Ultra fast & compact colour printers



Aficio™ SP C220N/SP C221N/SP C222DN

Minimum size, maximum performance

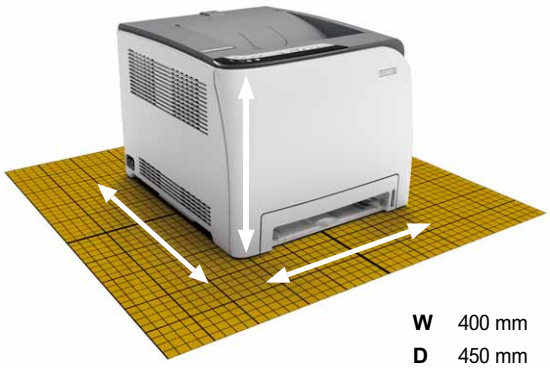
Fast and user friendly colour printing

Add impact to your business communications with Ricoh's innovative colour laser printers. The Aficio™SP C220N/SP C221N and SP C222DN offer everything you have always expected from a printer at a very competitive cost. Smaller yet faster than others, these user friendly devices meet all of your business printing needs in monochrome and full colour. Thanks to the built-in networking capability, their features can easily be shared within your small office or workgroup. Now you have all the necessary tools at hand to produce the best possible prints, without exception.

Aficio™SP C220N
- B/W & colour at 16 ppm
- Network ready

Aficio™SP C221N
- B/W & colour at 20 ppm
- Network ready
- PCL/PostScript® 3™

Aficio™SP C222DN
- B/W & colour at 20 ppm
- Network ready
- PCL/PostScript® 3™
- Auto duplex



W 400 mm
D 450 mm
H 320 mm

Save office space

Thanks to their remarkably small footprint, the Aficio™SP C220N/SP C221N/SP C222DN fit perfectly onto your desktop or in your work environment without intruding on your work space.



Excellent media handling

Despite their small size, the Aficio™SP C220N/SP C221N/SP C222DN offer great flexibility in handling paper and other printable media, thus reducing the need for expensive outsourcing. They accommodate a wide range of sizes, types and weights, including sheets of up to 160 g/m^2, transparencies, glossy paper, envelopes, labels and much more. With a maximum paper capacity of 751 sheets (251 sheets for the SP C220N), frequent refills are a thing of the past.

Save time

Forget having to wait to obtain your colour prints! With a brief warm-up and a short recovery time, these printers offer an entirely new perspective. Your first print – whether monochrome or in full colour – is out in only 14 seconds. As printing continues at 20 pages per minute (16 ppm for the SP C220N), your daily print jobs will be ready in a flash. For an even more powerful performance, the SP C222DN provides you with automatic double-sided printing.



Create high impact documents in-house

Consistent, high quality colour is essential for your professional presentations, newsletters and flyers. With the SP C220N/SP C221N/SP C222DN's vivid colour capabilities, you can now create striking output on a wide range of office media. At a resolution of up to 2,400 x 600 dpi, you obtain striking results with impeccable detail and sharp images.



Easier than others

The Aficio™SP C220N/SP C221N/SP C222DN offer ease of use like no other, from installation to daily use and maintenance.

- All functions can be accessed immediately via the straightforward operating panel.
- Full front operation is guaranteed thanks to the devices' handy design.
- It takes only seconds to replenish paper or replace the toner cartridge.

Depend on your printer

You can be assured; with these Ricoh printers you'll get consistent results fast and hassle free. The robust Aficio™SP C220N/SP C221N/SP C222DN have been outfitted with a straight paper path for reliable printing up to a stunning 30,000 pages per month.

Benefit from green quality

We strive for quality in everything we do. Low power consumption and toxic free materials spare the environment at large. Thanks to the green design we recycle all supplies for the Aficio™SP C220N/SP C221N/SP C222DN. As a sustainable company, we appreciate your effort to return your empty supplies. Please visit www.comet-circle.eu for details.

Aficio™ SP C220N/SP C221N/SP C222DN

SPECIFICATIONS

GENERAL

Technology:	4 drums tandem method, laser beam scanning, electro photographic printing, single component toner development	
Continuous print speed:	Black and white/full colour:	
	SP C220N:	16 prints per minutes
	SP C221N/SP C222DN:	20 prints per minutes
Warm-up time:	Less than 51 seconds	
First print speed:	Black and white/full colour:	Less than 14 seconds
Dimensions (W x D x H):	400 x 450 x 320 mm	
Weight:	Less than 23 kg	
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Maximum:	Less than 1.3 kW
	Energy saver mode:	Less than 15 W
Duty cycle:	30,000 pages per month	

CONTROLLER

Processor:	SP C220N:	CPU 192 MHz
	SP C221N/SP C222DN:	CPU 300 MHz
Printer language/resolution:	SP C220N:	DDST: 600 x 600 dpi
		1,200 x 600 dpi
		2,400 x 600 dpi
	SP C221N/SP C222DN:	PCL5c/PCL6: 600 x 600 dpi
		1,200 x 600 dpi
		2,400 x 600 dpi
		PostScript® 3™: 600 x 600 dpi
		1,200 x 600 dpi
		2,400 x 600 dpi
Memory:	SP C220N:	Standard: 64 MB
	SP C221N/SP C222DN:	Standard: 128 MB
		Maximum: 640 MB
Drivers:	PCL5c/PCL6:	Windows® 2000/XP/ Server 2003/Vista
	PostScript® 3™:	Windows® 2000/XP/ Server 2003/Vista
		Macintosh X v10.2.8 - 10.4 (native mode)
Fonts:	PCL/PostScript® 3™:	80 fonts
	PostScript® 3™:	136 Adobe® type 1 fonts

CONNECTIVITY

Network protocol:	TCP/IP, AppleTalk (SP C221N/SP C222DN), IPX/SPX (SP C221N/SP C222DN)
Supported networks:	Windows® 2000/XP/Server 2003/Vista Macintosh X v10.2.8 - 10.4 (native mode) Novell® Netware® 4.x or later (SP C221N/SP C222DN)
Interface:	Ethernet 10 base-T/100 base-TX USB 2.0 Camera Direct Print Card (PictBridge I/F) (SP C222DN)

PAPER HANDLING

Paper input capacity:	Standard:	250-sheet paper tray
		1-sheet bypass tray
	Maximum:	
	SP C220N:	251 sheets
	SP C221N/SP C222DN:	751 sheets
Paper output capacity:	Standard:	150 sheets face down
Paper size:	A4 - A6	
Paper weight:	Standard paper tray/ bypass tray:	60 - 160 g/m^2
	Optional paper tray (SP C221N/SP C222DN):	60 - 105 g/m^2
Media:	Plain paper, thick paper, thin paper, recycled paper, transparencies, laser printer labels, envelopes	

CONSUMABLES

Toner:	Black/C, M, Y:	2,000 sheets[1]

The Aficio™SP C220N/SP C221N/SP C222DN ship with a starter kit.

OPTIONS (SP C221N/SP C222DN)

Internal option:	256 MB SDRAM DIMM
External option:	1 x 500-sheet paper tray

[1] Declared yield value in accordance with ISO/IEC 19798.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.

ISO9001: 2000 certified
ISO14001 certified

Ricoh has designed these products to meet EC ENERGY STAR guidelines for energy efficiency.

Ricoh believes in conserving the earth's precious natural resources. This brochure is printed on environmentally friendly paper: 50% recycled fibres, 50% chlorine free bleached pulp.

These products comply with EU RoHS directive (RoHS: Restriction of Hazardous Substances, July 2006).

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