Digital Color Laser Printer

SP C830DN
SP C831DN

☐ Copier ☑ Printer ☐ Facsimile ☐ Scanner

RICOH
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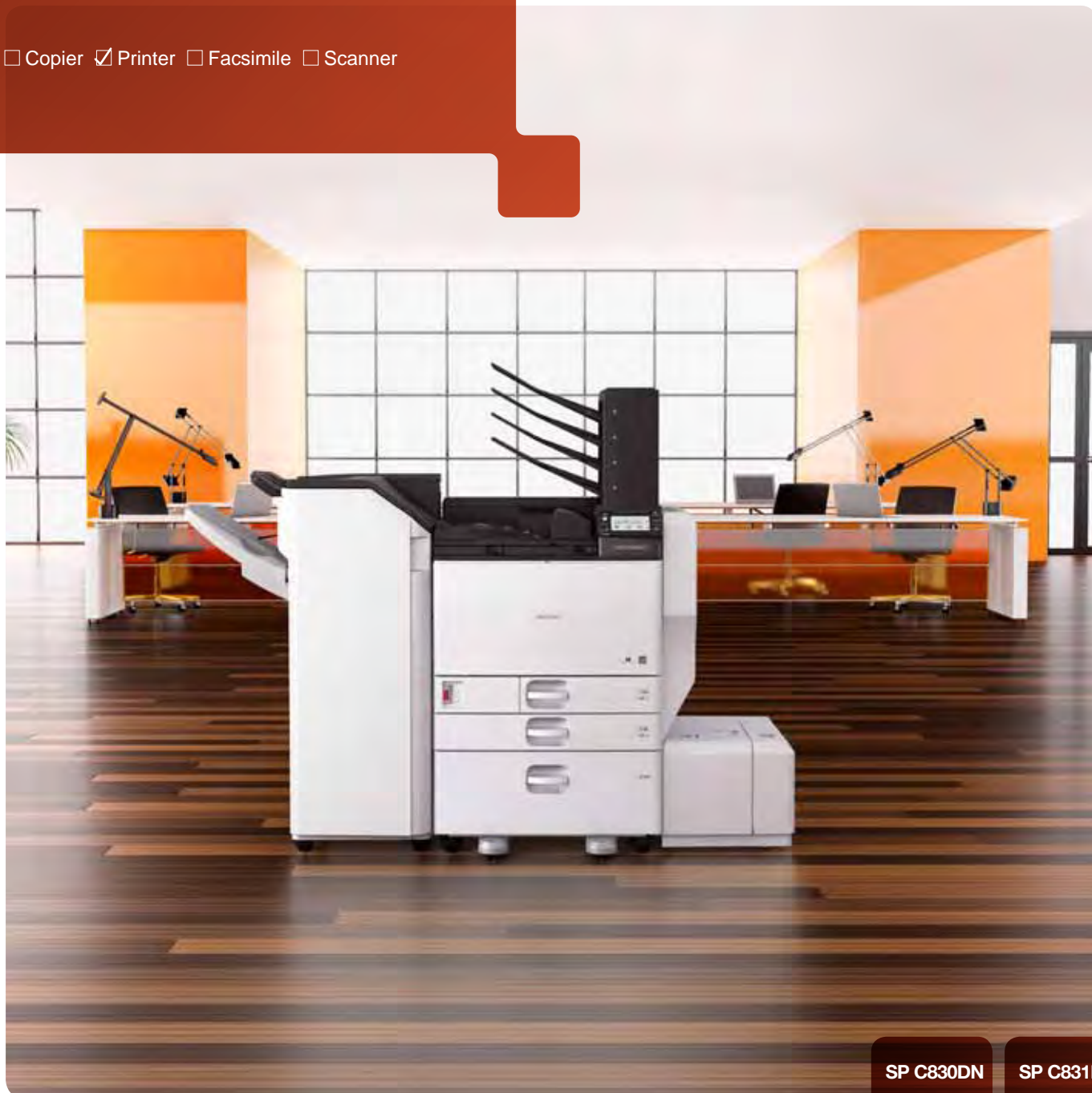
SP C830DN

45 ppm B/W Color

SP C831DN

55 ppm B/W Color

Fast and efficient colour laser printers

The SP C830DN/SP C831DN are fast, user-friendly, colour A3 laser printers that are ideal in a busy office environment. They are easy to operate via a large 4.3-inch colour touch panel. Heavyweight paper up to 300 g/m² is handled in a particularly smooth and reliable way. Powered by Ricoh's next-generation controller, they give you outstanding security, a low total electricity consumption, and comprehensive device management capabilities.

- 45/55 A4 pages per minute.
- 4.3-inch colour touch panel.
- IC card authentication for increased security.
- Attractively designed.
- ECO Night Sensor reduces electricity consumption.

New fusing system

Enjoy ecological benefits and print quality improvements thanks to Ricoh's Quick Start Up Direct Heating (QSU-DH) fusing system. The device has a thin fusing belt around the heater, which reduces electricity consumption and shortens recovery time. Furthermore, fusing is done on a plane surface, reducing damage or wrinkles to papers. This leads to particularly high-quality envelope printing.

ECO Night Sensor

The innovative ECO Night Sensor further reduces the already low electricity consumption of these devices. The SP C830DN/SP C831DN can be set so that the main power shuts down when the light levels in the room dip below a certain level. The sensor detects both the decline of natural and artificial light. You can set the sensor to activate between 5 and 120 minutes after darkness falls.

Confidentiality ensured

Prevent potential information leaks should a printout be forgotten to be picked up, or picked up by mistake, by restricting the use of the SP C830DN/SP C831DN to holders of a card with an Integrated Chip (IC). IC card authentication also reduces paper output by enabling you to choose the jobs you want to print.

High productivity

The SP C830DN has a warm-up time of less than 29 seconds and prints 45 A4 pages per minute. Its first print is available after 3.7 seconds (B/W) or 5.7 seconds (colour). The SP C831DN's warm-up time is less than 25 seconds and it prints 55 A4 pages per minute. Its first print is produced after 3.4 seconds (B/W) or 5.1 seconds (colour).

Flexible printing

A USB/SD slot enables casual users to print easily from flash drives and memory cards. Further enhancements include enabling a preview screen before printing, a greater number of available print settings, and multiple selection of PDF or TIFF files.

Essential capabilities for smooth business operations

1. Easy access & intuitive operation via 4.3-inch colour touch panel.

2. USB/SD slot to enable easy printing from flash drives and memory cards.

3. 4-bin mailbox for easy separation and collection of prints.

4. Standard 2 x 550-sheet paper trays to stay productive at all times.

5. Standard 100-sheet bypass tray to take advantage of a wide range of paper sizes and types.

6. Optional 2 x 550-sheet paper trays or 2 x 1,000-sheet large capacity tray for a choice of multiple paper sources.

7. 1,200-sheet side large capacity tray to increase your productivity.

8. 2,000-sheet booklet finisher & several punch kits for an entire range of finishing possibilities.

GENERAL

SP C830DN

Technology:	Laser	
Warm-up time:	29 sec or less	
First output speed:	BW:	3.7 sec or less
	Colour:	5.7 sec or less
Print speed:	45ppm (A4)	
Memory:	Std:	512 MB
	Max:	1.5 GB
HDD:	Opt.	
Dimensions (W x D x H):	670 x 684 x 640 mm	
Weight:	97kg or less	
Power source:	220 - 240 V, 50/60 Hz	
Duty cycle:	200,000 prints per month	

SP C831DN

Technology:	Laser	
Warm-up time:	25 sec or less	
First output speed:	BW:	3.4 sec or less
	Colour:	5.1 sec or less
Print speed:	55ppm (A4)	
CPU:	Celeron-M 1.0GHz	
Memory:	Std:	512 MB
	Max:	1.5 GB
HDD:	250GB	
Dimensions (W x D x H):	670 x 684 x 640 mm	
Weight:	97kg or less	
Power source:	220 - 240 V, 50/60 Hz	
Duty cycle:	200,000 prints per month	

PRINTER

Printer language:	Std:	PCL5c/6, PostScript3, PDF direct print, Mediaprint (JPEG/TIFF),
	Opt.:	PictBridge, IPDS
Print resolution:	1200/600/300dpi	
Fonts:	Std:	PCL:45 fonts + International Fonts 13 fonts, PostScript3/ PDF: 136 fonts
	Opt.:	IPDS: 108 fonts
Interface:	Std:	USB2.0, USB Host, Ethernet (100BASE-TX/10BASE-T)
	Opt.:	IEEE1284/ECP, IEEE802.11a/b/g, Gigabit Ethernet
Network protocol:	TCP/IP (IPv6), IPX/SPX (option)	
Windows® environments:	Windows XP/ Vista/ Server 2003/ Server 2008/ 7 (32/64bit) Windows Server2008R2 (64bit) CPS-4.5 (32/64bit)/ XenApp 5.0 (32/64bit), 6.0 (32/64bit) Mac OSX(Native), 10.2-107 or later	

PAPER HANDLING

Paper sizes:	Std:	A3, A4, A5, B4, B5, DLT, Legal, LT, Executive.
	Custom:	Foolscap, Government LG, Folio, F/GL, Eng Quatro, Com10, C5, 8K, 16K, 11" x 15", 10" x 14"
Paper input capacity:	Max:	4,400 sheets
Paper output capacity:	Max:	4,000 sheets
Paper weight:	Std:	52-256g/m2
	Opt:	52-256g/m2
	SideLCT:	60-256g/m2
	Bypass:	52-300g/m2
	Duplex:	52-169g/m2

SECURITY

Authentication:	Windows® authentication LDAP authentication Basic authentication User code authentication 802.1.x wired authentication

ECOLOGY

Power consumption:	Max: 1,700 W Sleep: 1.6 W

OPTIONS

1 x 550-sheet paper tray
2 x 550-sheet paper tray
2,000 sheet LCT
1,200 sheet LCT
2,000 sheet booklet finisher
3,000 sheet finisher
4bin mailbox
Bridge unit
Punch unit for 3000 sheet finisher
Jogger unit
IPDS
VM Card
512MB Memory
1GB Memory
NetWare option
Gigabit ethernet
PictBridge
HDD
IEEE802.11a/g
IEEE1284

CONSUMABLES

Toner capacity:	Black:	20,000 prints
	Cyan:	16,000 prints
	Magenta:	16,000 prints
	Yellow:	16,000 prints

Declared yield value in accordance with ISO/IEC 19798 Chart.

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

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