

**RICOH**  
imagine. change.

Aficio®

**SP C830DN**  
**SP C831DN**

A3 Colour Laser Printer

☑ Printer



SP C830DN

45  
ppm

B/W  
Colour

SP C831DN

55  
ppm

B/W  
Colour

## 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/m<sup>2</sup> is handled in a particularly smooth and reliable way. Powered by Ricoh's next-generation controller (GWNX), 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.



## Center machine for multiple users

All-round usability for all-round productivity



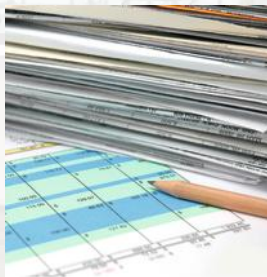
### Easy operation

Operating the SP C830DN/SP C831DN is extremely straightforward, thanks to a 4.3-inch colour touch panel with a large display and animated menus. Touching the home button quickly returns you to the home screen. Further time-saving functions include auto job reset, cancel, and an option for high-volume printing.



### Office convenience

Create great-looking documents quickly and with minimal effort by using value-added finishing options such as a 2,000-sheet booklet finisher, 3,000-sheet finisher, punch unit and output jogger unit. Organise multiple jobs efficiently and enable users to effortlessly retrieve their documents by printing to the 4-bin mailbox.



### Extensive paper handling capabilities

The Aficio™ SP C830DN/SP C831DN handle paper between 52 and 300 g/m<sup>2</sup> (from the bypass tray). The two standard trays each take 550 sheets, the bypass tray 100 sheets, and the two optional trays a further 3,200 sheets, making a huge total capacity of 4,400 sheets. Paper sizes include A3, A4, A5, B4, B5, foolscap, government, folio, quarto, legal and executive, ensuring that these devices meet all your printing needs.

# Innovative technologies

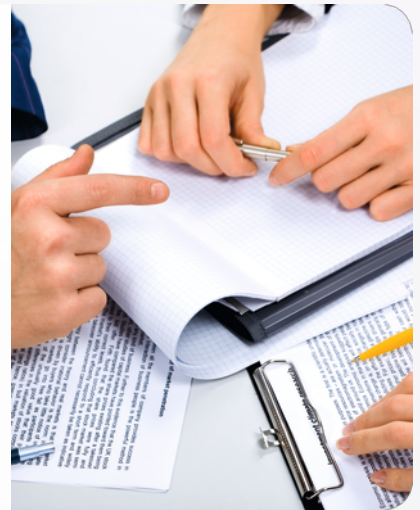


## ECO Night Sensor

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 1 and 120 minutes after darkness falls.

## Enhanced controller

Ease of use, time savings and increased productivity are ensured by the high-performance Ricoh GWNX controller, which allows you to configure device settings, monitor status, and create reports of usage.



## 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.

# A complete print solution



## 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.

## Save colour print costs

Printing colour documents with ECOmunity Color significantly reduces the cost compared to full colour printing. This feature divides the print data into four parts: text, images, paints and lines. Text is printed at normal thickness; the thickness of images is reduced by half; and the thickness of paints and lines is reduced by 30%. Unlike the Draft mode available with similar technologies, ECOmunity Color produces prints with clear and impeccable text quality at all times.



## Reduce your eco footprint

At Ricoh we help you lower your environmental footprint. The SP C830DN/SP C831DN have eco-friendly features such as sleep mode, duplex printing, ECO Night Sensor, and an on/off timer. Total Electricity Consumption (TEC) values are very low. In addition, these environmentally responsible printers are Energy Star compliant. This means less CO<sub>2</sub> is produced in providing the energy needed to run them.

# Keeping your workflow fluent

## Innovative design

The SP C830DN/SP C831DN are attractively styled. Dark grey is used for the operational parts that are frequently used. These include the operation panel, top board and inner tray. A simple cube design enables these devices to fit flexibly into tight office spaces.

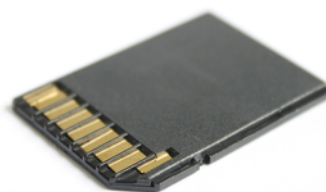


## High productivity

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. Enhancements to this capability increase the media print function, enabling a preview screen before printing; a greater number of available print settings; and multiple selection of PDF or TIFF files.



# Critical capabilities for business communications



- 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 2x 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 2x 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, 3,000-sheet finisher & several punch kits for an entire range of finishing possibilities.

# SP C830DN/SP C831DN

MAIN SPECIFICATIONS

Aficio®

## GENERAL

Technology:	Laser
Warm-up time:	29/25 seconds
First output speed:	Full colour: 5.7/5.1 seconds B/W: 3.7/3.4 seconds
Print speed:	45/55 pages per minute
CPU:	Intel Celeron-M: 600 MHz (SP C830DN), 1 GHz (SP C831DN)
Memory:	Standard: 512 MB Maximum: 1.5 GB
HDD:	Standard (SP C831DN): 250 GB Option (SP C830DN): 250 GB
Dimensions (W x D x H):	670 x 684 x 640 mm
Weight:	97 kg
Power source:	220 - 240 V, 50/60 Hz
Duty cycle:	200,000 prints per month

## PRINTER

Printer language:	Standard: PCL5c, PCL6, Adobe® PostScript® 3™, PDF Option: IPDS, PictBridge
Print resolution:	300 dpi, 600 dpi, 1,200 dpi
Fonts:	PCL: TrueType: 45 fonts, International fonts: 13 Intellifonts PS3: 136 fonts Option: IPDS (108 fonts)
Interface:	Standard: USB 2.0, USB Host I/F, Ethernet 10 base-T/100 base-TX Option: Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g), Gigabit Ethernet
Network protocol:	TCP/IP (IP v6), Bonjour, IPX/SPX (Option)
Windows® environments:	Windows® XP, Windows® Vista, Windows® 7, Windows® Server 2003, Windows® Server 2008, Windows® Server 2008R2
Mac OS environments:	Macintosh OS X Native v10.4 or later

## PAPER HANDLING

Recommended paper size:	A3, A4, A5, A6, B4, B5
Paper input capacity:	Maximum: 4,400 sheets
Paper output capacity:	Maximum: 4,000 sheets
Paper weight:	Standard paper tray(s): 52 - 256 g/m <sup>2</sup> Optional paper tray(s): 52 - 256 g/m <sup>2</sup> Side LCT: 60 - 256 g/m <sup>2</sup> Bypass tray: 52 - 300 g/m <sup>2</sup> Duplex tray: 52 - 169 g/m <sup>2</sup>
Media capability:	Plain paper, Recycled paper, Colour paper, Letterhead, Pre-printed paper, Special paper, Envelopes, Bond, Cardstock, Coated paper, Label paper

## SECURITY

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

Power consumption:	Maximum: 1,700 W Ready mode: 81 W Sleep mode: 1.6 W TEC (Typical Electricity Consumption): 2.09/2.79 kWh
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## SOFTWARE

Standard:	Web Image Monitor Smart Device Monitor for Client/Admin, Web Smart Device Monitor, Desktop Binder V2 Lite can be downloaded from website for free
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## OPTIONS

1 x 550-sheet paper tray, 2 x 550-sheet paper tray, 2,000-sheet large capacity tray, 1,200-sheet side large capacity tray, Bridge unit, 3,000-sheet finisher, 2,000-sheet booklet finisher, Punch kits, 4-bin mailbox, Jogger unit, Cabinet, Hard Disk Drive, RAM (512/1,024 MB), Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g), Gigabit Ethernet, VM Card, Netware, Pictbridge, IPDS unit

## CONSUMABLES

Toner capacity:	Black: 23,500 prints Cyan: 27,000 prints Magenta: 27,000 prints Yellow: 27,000 prints Declared yield value in accordance with ISO/IEC 19798
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For availability of models, options and software, please consult your local Ricoh supplier.

ISO9001 certified, ISO14001 certified, ISO27001 certified

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