

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/m² 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



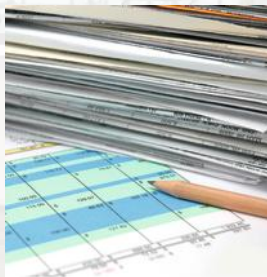
Easy operation

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/m² (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

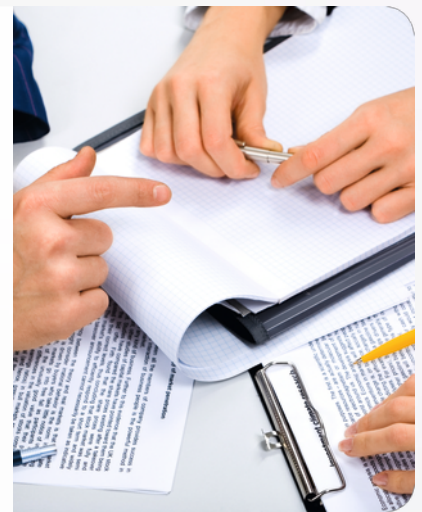


ECO Night Sensor

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 ECOmomy 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, ECOmomy 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 CO₂ 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.

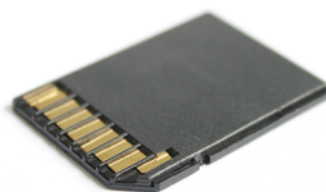


High productivity

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 trays: 52 - 256 g/m ² Optional paper trays: 52 - 256 g/m ² Side LCT: 60 - 256 g/m ² Bypass tray: 52 - 300 g/m ² Duplex tray: 52 - 169 g/m ²
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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