Ricoh Aficio
SP C830DN/SP C831DN

Color Laser Printer
☑ Copier ☑ Printer ☐ Facsimile ☐ Scanner

SP C830DN
45 ppm
monochrome and full-color

SP C831DN
55 ppm
monochrome and full-color
Produce high-quality color with ease

The RICOH® Aficio® SP C830DN and SP C831DN are the easy choices for fast, productive, full-color printing. These versatile systems offer incredible image quality and user-friendly customization to enhance efficiencies for light production environments. From the intuitive, full-color touch-screen control panel with standard USB and SD Card slots to advanced security features, flexible media handling capabilities and eco-friendly enhancements, these systems streamline color workflows and improve productivity. Your customers will notice the compelling, attention-grabbing graphics. You’ll appreciate the impact on your bottom line. Choose one as your primary system and print everything for your office — or as an integral part of a Ricoh Managed Document Services (MDS) strategy and help improve printing productivity throughout your organization.

- Print up to 45/55 prints per minute
- Simplify everyday tasks with the touch-screen control panel
- Protect document and data integrity
- Help minimize energy use
- Customize the system to accommodate unique workflows
Power, versatility and convenience
in a sleek, compact design

Enhance full-color workflows

Manage demanding workloads
Print with incredible speed and efficiency and get started quickly with short warm-up times and fast print speeds. Create an abundance of presentations, reports, brochures, booklets and more at up to 55 pages-per-minute. With a powerful 600 MHz or 1GHz processor, the Ricoh Aficio SP C830DN and SP C831DN can handle incoming data streams with ease to accommodate higher-volume workloads. Plus, these systems come standard with 512 MB RAM and can be upgraded to 1.5 GB RAM for convenient storage of multiple projects.

Produce high-quality graphics
Deliver graphics-quality output on paper sizes up to 11" x 17" and keep more jobs in-house. With robust 4-bit color technology, the Ricoh Aficio SP C830DN and SP C831DN print with impressive 9,600 x 600 dpi equivalent resolution for exceptional image clarity. The proprietary, oil-free polyester polymerization (PxP) toner delivers smooth gradations for crisper lines and sharper color reproductions. Edit images through the powerful drivers and take advantage of advanced color simulation.

Operate with ease
Perform tasks at your convenience with customized controls. The 4.3" color touch-screen control panel provides intuitive menu navigation and one-touch access to job and system status and frequently used job lists. Step-by-step, animated guidance and easy-to-see icons ensure easy operation. Users can even preview jobs before printing for optimal accuracy.

Handle more media more ways
Build a system configuration to accommodate the unique needs of your print environment. From 3.55" x 5.83" postcards and envelopes to saddle-stitched 11" x 17" booklets, the SP C830DN and SP C831DN offer a variety of paper supply options to meet your specific workflow requirements. The systems come standard with two 550-Sheet paper trays and a 100-Sheet Bypass Tray. Optional Paper Feed Units add an additional 1,100 sheets or an optional 1,200-Sheet Side Large Capacity Tray and 2,000-Sheet Large Capacity Tray extend maximum paper supply to 4,400 sheets for higher volume environments.
Fast, reliable color output for high-volume print environments

Secure more accountability
Help protect the integrity of documents and data with robust, easy-to-use security features. For example, user authentication requires users to swipe an ID card or submit a password at the control panel to access user-assigned tasks and documents. The 250 GB Hard Disk Drive (HDD optional for the SP C830DN) protects latent images stored at the printer with Data Encryption and Data Overwrite Security System (DOSS). With the HDD, a Locked Print feature stores documents with sensitive information until they are released by authorized users at the device. Administrators can also set print quotas to limit user volumes, set print rules and curb unnecessary printing.

Finish professional documents in-house
Ensure your printed materials make more of an impact. The systems feature multiple finishing options to stack, staple and hole-punch documents as well as create saddle-stitched booklets in-house. These printers may be configured with a user-assignable 4-Bin Mailbox and/or one of two finishers capable of stapling, hole punching, and saddle stitch booklet production. The 3,000-Sheet Finisher is ideal for high-volume environments that require long, unattended print runs and the ability to staple in portrait or landscape orientation. The 2,000-Sheet Booklet Finisher saddle-stitches and folds output sets so booklets are ready for immediate distribution.

Maximize energy efficiency
The Ricoh Aficio SP C830DN and SP C831DN offer a wide range of eco-friendly features to improve typical energy consumption (TEC). ECO Night Sensor gives you a choice for how you want to conserve energy when the office is empty. Choose whether the printer turns off automatically, or enters Sleep mode, after the lights are off for a preset time period. Advanced fusing technology requires less electricity to warm up for faster first print and recovery times. The Eco-Friendly Indicator on the control panel displays each user’s print history and its simulated impact on the environment to encourage more responsible printing.
Manage image quality, productivity and costs effectively

Print from more locations
Print when and where it’s most convenient. The Ricoh Aficio SP C830DN and SP C831DN feature a USB/SD card slot right on the control panel, so users can print files from portable media with ease. Users can also print using their smartphones and tablets for easy, on-the-go performance. With one simple application download, users gain access to a host of mobile printing functions that streamline workflow even more.

Reduce total cost of ownership
Discover incredible value with a versatile printer that handles everyday black-and-white documents and high-end color graphics with minimal cost-per-page and maintenance costs. The Ricoh Aficio SP C830DN and SP C831DN are completely user-serviceable to maximize uptime. Individual toner bottles and the high-yield OPC drum unit can be replaced in seconds. Plus, Economy Color Mode reduces the amount of toner automatically — without compromising text quality — for fast color drafts at minimal cost.

Connect with efficiency
The Ricoh Aficio SP C830DN and SP C831DN offer seamless network connectivity with Standard USB 2.0 and 10/100 Base-TX Ethernet interfaces for peer-to-peer and shared use environments. Dual USB 2.0 host interfaces allow for direct connection to third party external devices, including a magnetic card reader for user authentication and to print from PictBridge-enabled cameras. Plus, the systems include optional Gigabit, Wireless LAN and parallel interfaces to meet your unique network requirements.
Comprehensive features for more efficient printing

Ricoh Aficio SP C830DN
1. **4-Bin Mailbox (Optional):** Keep documents separate from multiple users with the 4-Bin Mailbox.

2. **Output Jogger Unit (Optional):** Available with the 3,000-Sheet Finisher, the Output Jogger Unit offsets finished documents for easy retrieval or transfer to off-line finishing equipment like GBC or spiral binders.

3. **2,000-Sheet Booklet Finisher (Optional):** Produce full-color booklets cost-effectively with the in-line Booklet Finisher. Also available with an optional Hole Punch Unit.

4. **3,000-Sheet Finisher (Optional):** Take advantage of high-volume, professional-quality, multi-position stapling with the 3,000-Sheet Finisher. Add the optional Hole Punch Unit for even more flexibility.

5. **Full-Color Touch-Screen LCD Control Panel with Built-in USB/SD Slot:** Navigate from job to job easily via the intuitive angled customizable control panel featuring an integrated USB/SD Card slot for mobile printing using a PictBridge-enabled camera or memory card.

6. **ECO Night Sensor:** Saves energy by automatically turning the printer off or placing it in Sleep mode after the room goes dark.

7. **Automatic Duplexing (Standard):** Produce two-sided documents on sturdy media such as flyers, menus, pamphlets, brochures, and newsletters at virtually no loss in productivity.

8. **PxP Toner Technology:** Provides more vivid colors and smooth gradations for improved text, fine lines, graphics and photographic reproductions.

9. **250 GB Hard Disk Drive:** Secure documents with DataOverwriteSecurity System (DOSS), data encryption, Locked Print and more. Standard for the SP C831DN. Optional for the SP C830DN.

10. **Media Flexibility:** Produce high quality full-color and monochrome output ranging in paper size and weight from postcards and envelopes to saddle-stitched 11"x 17" booklets (up to 82 lb. Bond/170 lb. Index through the Bypass Tray) all from a single device.

11. **Easy Maintenance:** Maximize productivity with supplies that are easy for any user to replace.

12. **Paper Trays (Standard):** Load up to 1,200 sheets with two standard 550-Sheet Paper Trays and a 100-Sheet Bypass Tray.

13. **Paper Feed Units (Optional):** Add an optional 550-Sheet Paper Feed Unit for a maximum paper capacity of 1,750 sheets (requires Caster Table, not shown) or two optional 550-Sheet Paper Feed Units for a maximum paper capacity of 2,300 sheets.

14. **Large Capacity Trays (Optional):** Maximize total paper capacity with the 1,200-Sheet Side Large Capacity Tray and/or the 2,000-Sheet Large Capacity Tray.

15. **Broad Compatibility:** Quickly integrate these systems with built-in compatibility for PC and Macintosh environments.
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