

**Ricoh Aficio SP C811DN Series**  
Color Laser Printer  
Different Departments. Different Needs.  
One Universal Printing Solution.

**RICOH**



power



color



speed

# Ricoh Aficio SP C811DN Series

High-quality graphics. Fast print runs. Impressive finishing. Meet the one printer everyone will depend on. Now you can meet everybody's print requirements and keep more jobs in-house with one cost-effective device. The RICOH® Aficio® SP C811DN Series quickly outputs black & white and color documents...making it perfect for general office use. Plus, it delivers professional-quality brochures, direct mail pieces and more...making it ideal for graphics-intensive environments.

Whether it's the primary printer in an office or the back-up printer in a print-for-pay environment, the Ricoh Aficio SP C811DN Series will quickly become the one device that everybody depends on.



# QualitySpeedColor

## A New Standard for Quality

If it contributes to high-quality results, you can be sure it's included in the Ricoh Aficio SP C811DN Series—from precise color calibration and image quality to broad paper handling capabilities.

- Outstanding Image Quality—A 4-bit engine offers 9,600 x 600 dpi interpolated resolution and precise registration for sharp images, smooth gradations and exceptional hue.
- Superior Color—Rico's patented PxP™ Toner technology results in crisp, clear text, improved definition and sharper images, so your documents always set the standard for quality color.
- Exact Color Matching—Outstanding image quality and PANTONE® support means you can print full-color, graphic-intensive files in-house. Print brochures, flyers and direct mail pieces as confidently as you print general business documents.
- Media Flexibility—Output paper sizes up to 11" x 17" and stock up to 120 lb. Index through paper trays, 140 lb. Index through the Bypass Tray, and 90 lb. Index when duplexing.

## Streamlined Production

Speed and time-saving innovations help keep the pace, even when printing extensive color proposals and presentations.

- Speed through color and black & white jobs with rapid 40 pages-per-minute delivery and first printouts in just eight seconds for black & white and nine seconds for color.
- Spend less time waiting. A high-performance 866MHz CPU spools jobs quickly and the system itself warms up in less than one minute.
- Print double-sided pages without sacrificing speed. The Ricoh Aficio SP C811DN Series offers two-sided printing at the same speed as single-sided printing.
- Produce more jobs in-house, including booklets, brochures, presentations, and more—by adding an optional 1,000-Sheet Booklet Finisher or a 3,000-Sheet Finisher to your Ricoh Aficio SP C811DN Series.
- Work without interruption. An impressive 3,200-sheet paper capacity lets you run job after job without refilling paper trays.
- Output PDFs fast with PDF Direct Print. It sends smaller files directly to the printer, a timesaver that also prevents network bottlenecks.
- A standard 40GB Hard Disk Drive lets you archive documents locally, and store frequently printed documents and additional fonts right on the device.

## Advanced Connectivity for Today's Networked Office

The Ricoh Aficio SP C811DN Series lets users streamline work with the ability to complete common tasks from the convenience of any connected desktop.

- Connect any way you want. IT will appreciate connectivity options that let them get the device up and running fast, including standard 10/100BaseTX Ethernet and USB 2.0 and optional Gigabit Ethernet and Wireless.
- Eliminate time-consuming manual meter reading and reporting with the optional @Remote intelligent remote management system.
- Give users and administrators convenient desktop access to the system with the Web Image Monitor's Web-based, user-friendly remote operations panel.
- Instantly connect with any Apple computer using built-in Bonjour (Rendezvous) technology that enables the device to automatically allocate IP addresses, as well as recognize and connect with other IP-networked devices.
- Streamline IT tasks with Dynamic DNS, which ensures that the device is always accessible even if its IP address changes.
- Expand functionality using custom software that can be easily integrated with Ricoh's Embedded Software Architecture.



With the ability to print directly from PictBridge™ enabled digital cameras, you can print high-quality photos on the spot.



Create booklets, presentations, even full-bleed 11" x 17" documents. Use the Bypass Tray for paper stocks up to 12" x 18" and 140 lb. Index and for banners up to 49.6" long. Finish documents with hole punching, stapling, booklet making, and more.



Expand functionality with an optional IS300e Image Scanner. Capture full-color originals up to 11" x 17" and use Scan-to-Email and Scan-to-Folder to streamline document storage and distribution.

# Versatile Connected Affordable

## Invaluable Protection for Electronic and Printed Data

The Ricoh Aficio SP C811DN Series offers advanced security features you can depend on so everyone can work with total confidence—even in networked offices.

- Protect sensitive data moving between computers and the device with advanced Data Encryption.
- Control access to system functions with Administrator and User Authentication.
- Enhance security with Ricoh's optional DataOverwriteSecurity System (DOSS). It automatically overwrites hard drive information after each job.
- Prevent unauthorized distribution of printed documents by embedding masking patterns that appear if a document is scanned or printed on enabled Ricoh devices.
- Monitor device use and protect confidential documents using optional Job Log and Access Log software.

## Everyone Feels Like an Expert

When your printer is this easy to use and maintain, it does more than keep user satisfaction high. It keeps productivity high by eliminating work-stopping frustrations.

- Forget about time-consuming and frustrating toner replacement. With the Ricoh Aficio SP C811DN Series, you can easily replace toner with one hand.
- Be prepared for even the longest print runs with the ability to view consumables at a glance.
- Everyone who fills the paper trays will enjoy easy-to-grip tray handles and the ability to restock paper even while jobs are printing.
- Keep productivity high with e-mail alerts that notify users and administrators when supplies are low or when the printer needs attention.

## Reliable to Use and Affordable to Own

An attractive total cost of ownership is only the beginning. The Ricoh Aficio SP C811DN Series offers such quality and versatility that you can consolidate your printer fleet and bring more jobs in-house.

- High-yield consumables and reliable hardware deliver impressive performance for the life of the system.
- A straight paper path ensures smooth print runs so you can be sure every job will run without interruption.



## Your Partner in Environmental Solutions



Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity, including:

- Power-saving Sleep Mode
- Duplex and Combine Copy Modes
- Toner Recycling
- Minimal Ozone Emissions
- RoHS (Restriction of Hazardous Substances) Compliant

# The printer that lets everyone do more in-house

Professional-grade graphics and text plus a host of convenient features will make the Ricoh Aficio SP C811DN Series a favorite with everyone.

Reduce outsourcing by creating professionally finished documents with the optional **1,000-Sheet Booklet Finisher** or **3,000-Sheet Finisher**.

Optional **One-Tray or Two-Tray Paper Feed Unit** lets you output onto six different sizes and orientations of paper (not shown).



Save paper and filing space with standard **Automatic Stackless Duplexing**, producing two-sided documents at the same speed as single-sided printing.






Enjoy 3-way, 1,200-sheet capacity with two **550-Sheet Paper Trays** and a **100-Sheet Bypass Tray**.

Maximize productivity with an optional **2,000-Sheet Large Capacity Tray** that boosts paper supply to 3,200 sheets.

## Build It Your Way...Configure the Ricoh Aficio SP C811DN Series to Meet Your Budget and Your Requirements.

### All models feature:

- 866MHz CPU Speed
- 10/100BaseTX Ethernet, USB 2.0 Connectivity
- 3,000-Sheet Finisher or 1,000-Sheet Booklet Finisher Options (T3 version cannot be configured with a Finisher)
- 40GB Hard Disk Drive
- Duplex Capabilities

SP C811DN	SP C811DN-T1	SP C811DN-T2	SP C811DN-T3	SP C811DN-DL
				
<b>MEMORY</b> 256MB std. / 512MB max.	<b>MEMORY</b> 384MB std. / 512MB max.	<b>MEMORY</b> 512MB std./max.	<b>MEMORY</b> 512MB std./max.	<b>MEMORY</b> 512MB std./max.
<b>PAPER SUPPLY (std.)</b> 550 x 2 + 100-Sheet Bypass = 1,200 sheets (3 sources)	<b>PAPER SUPPLY (std.)</b> 550 x 3 + 100-Sheet Bypass = 1,750 sheets (4 sources)	<b>PAPER SUPPLY (std.)</b> 550 x 4 + 100-Sheet Bypass = 2,300 sheets (5 sources)	<b>PAPER SUPPLY (std.)</b> 550 x 5 + 100-Sheet Bypass = 2,850 sheets (6 sources)	<b>PAPER SUPPLY (std.)</b> 550 x 2 + 100-Sheet Bypass + 2,000-Sheet LCT = 3,200 sheets (4 sources)

# Ricoh Aficio SP C811DN Series

## System Specifications

**Aficio®**

### Mainframe Specifications:

SP C811DN	SP C811DN-T3
SP C811DN-T1	SP C811DN-DL
SP C811DN-T2	
<b>Configuration Technology</b>	Desktop Laser-beam scanning & Electro-photographic printing with dual-component toner development 4-drum Tandem Method
<b>Printing Speed</b>	40-ppm black & white and full-color
<b>Warm-up Time</b>	60 seconds or less
<b>First Print Speed</b>	Black & white: 8 seconds or less Full-color: 9 seconds or less
<b>Duplex Print Speed</b>	Near 100% productivity for all paper sizes
<b>Print Resolution</b>	600 x 600-dpi (1-bit) 1800 x 600-dpi (2-bit) (Default) 9600 x 600-dpi (4-bit) interpolated
<b>Standard Input Capacity</b>	SP C811DN (Base): 2 x 550 sheets + 100-Sheet Bypass Tray* SP C811DN-T1: 3 x 550 sheets + 100-Sheet Bypass Tray SP C811DN-T2: 4 x 550 sheets + 100-Sheet Bypass Tray SP C811DN-T3: 5 x 550 sheets + 100-Sheet Bypass Tray SP C811DN-DL: 2 x 550 Sheets + 2,000 sheet LCT + 100-Sheet Bypass Tray (Maximum 3,200 Sheets)
<b>Output Capacity</b>	*Can be configured with 550 x 1 Paper Feed Unit; or Large Capacity Tray Standard: 500 sheets face down Optional: 3,000-Sheet Finisher or 1,000-Sheet Booklet Finisher Maximum: 3,750-sheet stack capacity (with 3,000-Sheet Finisher)
<b>Paper Sizes</b>	First Paper Tray: 8.5" x 11" Second Paper Tray: 7.25" x 10.5" – 11" x 17" Bypass Tray: Width: 3.5" – 12", Length: 5.8" x 18" (12" x 18" max) Up to 12" x 49.6" using RPCS Driver for banner printing Optional Large Capacity Tray: 8.5" x 11" Optional Paper Feed Units: 7.25" x 10.5" – 11" x 17"
<b>Paper Weights</b>	Standard & Optional Paper Feed Units, Large Capacity Tray: 16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m <sup>2</sup> ) Bypass Tray: 16 – 68 lb. Bond/140 lb. Index (60 – 256 g/m <sup>2</sup> ) (Source for Labels, OHP, and Envelopes) Duplex Unit: 16 – 45 lb. Bond/90 lb. Index (60 – 169 g/m <sup>2</sup> )
<b>Paper Types</b>	Plain, Recycled, Preprinted, Special, Color, Letterhead, Card Stock, Glossy, Coated, Labels, OHPs and Envelopes
<b>Auto Duplex</b>	Standard
<b>Dimensions (WxDxH)</b>	26.4" x 26.4" x 25.2" (670 x 670 x 640mm) (Standard Configuration)
<b>Weight</b>	Less than 214 lb. (97kg)
<b>Power Requirements</b>	120V, 60Hz
<b>Average Power Consumption</b>	1092W

### Printer Controller Specifications (Standard)

<b>CPU</b>	Intel Celeron @ 866MHz, Embedded
<b>Memory</b>	SP C811DN: Standard 256MB RAM; Maximum 512MB RAM SP C811DN-T1: Standard 384MB RAM; Maximum 512MB RAM SP C811DN-T2/T3/DL: Standard/Maximum 512MB RAM
<b>Hard Disk Drive</b>	40GB HDD Standard on all models (Stores up to 100 documents)
<b>Printer Languages</b>	PCL 5c, PCL 6, RPCS, Adobe® Postscript® 3™, PDF Direct Print
<b>Fonts</b>	Standard: 45 PCL fonts, 13 International fonts, 136 PostScript 3 fonts
<b>Standard Interfaces</b>	10/100BaseTX Ethernet (RJ-45), USB 2.0

<b>Optional Interfaces*</b>	IEEE 1284 Interface Board Type A – Part # 411699 IEEE 802.11b Wireless LAN Type I – Part # 402631 Bluetooth Wireless Interface Type 3245 – Part # 412866 Gigabit Ethernet Board Type A – Part # 402547 USB Host I/F Type A – Part # 412867
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\*Only one additional interface can be installed.

<b>Network Protocols</b>	TCP/IP, IPX/SPX, AppleTalk
<b>Operating Systems</b>	Windows 95/98SE/NT4.0/2000/Me/XP/Server 2003; Novell NetWare 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; UNIX (using Ricoh UNIX filter Phase 11): Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, and IBM AIX; Mac OS 8.6 – 9.2x, OS X 10.1 or later; SAP R/3 3.x or later

<b>Utilities</b>	SmartDeviceMonitor for Admin and Client; Web SmartDeviceMonitor; Web Image Monitor; DeskTopBinder V2 Lite; Print Utility for Mac; Agfa Font Manager 2000
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<b>Controller Options*</b>	Camera Direct Print Card Type C – Part # 402713: Enables direct printing from a PictBridge™ enabled digital camera, without a PC (requires USB Host Interface). VM Card Type D for ESA™ – Part # 402704 User Account Enhance Unit Type E – Part # 402270: Monitors printer usage and restricts users' access via Web Image Monitor and SmartDeviceMonitor. 30 user codes ship standard. This option provides for a total of 500 user codes.
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<b>Memory Options</b>	Memory Unit Type C 128MB RAM – Part # 001179MIU Memory Unit Type C 256MB RAM – Part # 001180MIU 144-pin DIMM SD-RAM (PC133 Compliant); Maximum 512MB
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<b>Security Features</b>	DataOverwriteSecurity System Type G (Optional) – Part # 402703: Security feature that overwrites latent data on the system's hard drive after copy, scan and print jobs. Copy Data Security (Unauthorized Copy Prevention in RPCS) – Standard: Files printed via RPCS can be embedded with a special message that instructs the scanner not to copy, scan or send the page. DESS Module (Network Data Protection Unit) – Standard: Enables data encryption so that only the printer can properly recreate the data stream, guarding against information theft.
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<b>Other Security Features</b>	SNMP v3 Authentication and Data Encryption PDF Direct Print Password Protection Locked (Secure) Print Mode User Codes /User Authentication Wi-Fi Protect Access (WPA) Support PDF Encryption
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### Hardware Accessories

<b>550 x 1 Paper Feed Unit (TK3000) – Part # 402843</b>	
<b>Paper Capacity</b>	550 sheets
<b>Paper Size</b>	7.25" x 10.5" to 11" x 17"
<b>Paper Weight</b>	16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m <sup>2</sup> )
<b>550 x 2 Paper Feed Unit (PB3000) – Part # 412844</b>	
<b>Paper Capacity</b>	1,100 sheets (550 sheets x 2 trays)
<b>Paper Size</b>	7.25" x 10.5" to 11" x 17"
<b>Paper Weight</b>	16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m <sup>2</sup> )
<b>2,000-Sheet Large Capacity Tray (PB3010) – Part # 412846</b>	
<b>Paper Capacity</b>	2,000 sheets (1,000 sheets x 2)
<b>Paper Size</b>	8.5" x 11"
<b>Paper Weight</b>	16 – 57 lb. Bond/120 lb. Index (60 – 216 g/m <sup>2</sup> )

### FAC33 Cabinet Stand (Large) – Part # 413762

Note: The Cabinet Stand or a paper supply option must be selected for the Base Model installation when the printer is to be configured with a Finisher.

### FAC35 Stand – Part # 402849

Note: The Stand or a paper supply option must be selected for the SP C811DN-T1 installation when the printer is to be configured with a Finisher.

### 1,000-Sheet Booklet Finisher\* (SR3000) – Part # 412851

<b>Number of Trays</b>	3: Proof Tray, Shift Tray, Booklet Tray
<b>Paper Size</b>	5.5" x 8.5" to 11" x 17", 12" x 18"
<b>Paper Weight</b>	Upper Proof Tray: 14 – 28 lb. Bond (52 – 105 g/m <sup>2</sup> ) Lower Shift Tray: 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m <sup>2</sup> )

<b>Stack Capacity</b>	Upper Proof Tray: 100 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger) Lower Shift Tray: 1,000 sheets (8.5" x 11" or smaller), 500 sheets (8.5" x 14" or larger)
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<b>Staple Capacity</b>	50 sheets (8.5" x 11"), 30 sheets (8.5" x 14" or larger) Saddle-Stitch: 10 sheets (up to 40-page booklets)
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<b>Staple Paper Size</b>	8.5" x 11" to 11" x 17"
<b>Staple Positions</b>	1 staple / 2 positions 2 staples / 3 positions

<b>2/3-hole Punch</b>	Optional Punch Kit Type 3000 – Part # 412855
<b>Hole Punch Weight</b>	14 – 43 lb. Bond/90 lb. Index (52 – 163 g/m <sup>2</sup> )

\*Requires Bridge Unit (Product Code: 412880)

Note: The T3 version is not compatible with either finisher.

### 3,000-Sheet Finisher\* (SR3030) – Part # 413325

<b>Number of Trays</b>	2: Proof Tray, Shift Tray
<b>Paper Sizes</b>	5.5" x 8.5" to 11" x 17", 12" x 18"
<b>Paper Weight</b>	Proof Tray: 14 – 43 lb. Bond/90 lb. Index (52 – 163 g/m <sup>2</sup> ) Shift Tray: 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m <sup>2</sup> )

<b>Stack Capacity</b>	Proof Tray: 250 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger) Shift Tray: 3,000 sheets (8.5" x 11"), 1,500 sheets (8.5" x 14" or larger)
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<b>Staple Capacity</b>	50 sheets (8.5" x 11"), 30 sheets (8.5" x 14" or larger and mixed size documents)
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<b>Staple Paper Size</b>	8.5" x 11" to 11" x 17", 12" x 18"
<b>Staple Weight</b>	17 – 24 lb. Bond (64 – 90 g/m <sup>2</sup> ) (all modes)
<b>Staple Positions</b>	1 staple / 3 positions 2 staples / 1 position

<b>2/3-hole Punch</b>	Optional Punch Kit Type 3260 – Part # 412209
<b>Hole Punch Weight</b>	14 – 43 lb. Bond/90 lb. Index (52 – 163 g/m <sup>2</sup> )

\*Requires Bridge Unit (Product Code: 412880)

Note: The T3 version is not compatible with either finisher.

### MFP Upgrade Option

IS300e Image Scanner – Part # 402252  
Scanning Functionality: Scan-to-Email, Scan-to-Folder, Scan-to-FTP, TWAIN Scanning, & Scan-to-Print

### Supplies

Consumables	Part #	Yield
High Yield Black Toner	820000	20,000 pages @ 5%
High Yield Yellow Toner	820008	15,000 pages @ 5%
High Yield Magenta Toner	820016	15,000 pages @ 5%
High Yield Cyan Toner	820024	15,000 pages @ 5%
Black Toner	820032	10,000 pages @ 5%
Yellow Toner	820039	8,000 pages @ 5%
Magenta Toner	820046	8,000 pages @ 5%
Cyan Toner	820053	8,000 pages @ 5%
Photoconductor Unit: Black	402714	40,000 pages
Photoconductor Unit: Color	402715	40,000 pages
Waste Toner Bottle	402716	40,000 pages
Intermediate Transfer Unit	402717	160,000 pages
Fusing Unit	402718	120,000 pages
Staple Type K (for SR3030)	410801	5,000 shots/staple
Staple Type S (for SR3000)	412874	5,000 shots/staple
Staple Refill Type K (for SR3030/SR3000)	410802	15,000 shots/staple

SP C811DN, SP C811DN-T1, SP C811DN-T2, SP C811DN-T3, and SP C811DN-DL ship with starter toner cartridges that yield 10,000 pages for Black and 8,000 pages for each Color @ 5% coverage.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

Specifications subject to change without notice.

**RICOH**  
www.ricoh-usa.com

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