

SP C811dn



Overview

Fast, high quality A3 network colour laser printer with excellent connectivity, heavy-duty build quality, and high standard features and finishing options for large workgroups. Graphics-quality output at a business colour price for in house production of previously outsourced documents.



Paper Size	A3 Colour Laser
Speed	40/40 ppm full colour/mono
Resolution	Up to 9000 x 600 dpi
First Print Out Time	9s/8s full colour/mono
Processor	Fast 866 MHz
Standard/Max RAM	Powerful 256/512 MB
Duty Cycle	High 200k/month
Drivers	PCL5c/PCL6/universal PCL6, Adobe PS3/universal PS3, RPCS, PDF Direct Print
Connectivity	Network card, Fast USB 2.0
Paper Input Std/Max	2 x 550 sheets tray + 100 sheets bypass/3200 sheets
Paper Weight Std/Max	216gsm tray/256gsm bypass
Duplex/HDD	Standard/Standard 40 GB
Consumables	Black Toner 20k, Cyan/Magenta/Yellow Toner 15k, PCU Black 40k, PCU CMY 40k, Maintenance Kit 120k, Transfer Belt 160k, Waste Toner Bottle 40k,
Dimensions/Weight	670 x 670 x 640(w x d x h)/97KG

Ahead of the competition – What sets it apart

- The fastest speed in its class at 40ppm
- One of the lowest colour cost per page rates in its class
- Delivers output quality suitable for photographic quality applications – a true “laser” difference compared to “LED” engine competitors
- One of the highest Duty Cycle available at 200k/month
- Widest range of drivers with PCL5c/6/Adobe PS3/RPCS, Direct PDF Print and PCL/PS Universal Drivers
- Market leading RPCS driver allows print preview and file merging
- Best data security features in class with encryption, hard disk protection, confidential print protection and print access restriction
- Unique customisation possibilities through Ricoh Embedded Software Architecture

Top Ten Reasons To Buy

1. Fast 40ppm A3 colour networked laser printer for large workgroups
2. Powerful 866MHz processor and 256Mb memory/40 GB HDD keeps jobs moving
3. Low colour cost per page
4. Aggressive A3 hardware price for a true laser engine
5. Standard duplex at 100% engine speed
6. Print on heavy weight paper up to 216gsm from the 2 x 550 sheet cassettes and duplex up to 169gsm. Long banner sheets can be printed through bypass.
7. Advanced chemical toner and multi bit engine give superb quality output up to 9000 x 600 dpi
8. High reliability and print capacity with 200K monthly duty cycle
9. High capacity toner and consumables for infrequent changing
10. Large capacity paper input and document finishing options for sophisticated document production in-house.



Features that save printing and document creation time

- **Fast 40 ppm print speed** in mono/colour and powerful 866 MHz processor/256 MB standard RAM means no waiting around for prints – printing in colour does not slow users down
- **2 x Finisher options** provide on line stapling, collation, and booklet making with saddle stitching, saving manual work
- **No slowdown in print speed when fitting optional duplex** – prints at 100% engine speed unlike other competitors.
- **Electronic collation** prints multiple copies of multi-page documents in the correct numerical sequence using RAM memory - saving manual collation
- **Productive Driver Features**
 - Booklet printing feature automatically arranges and paginates your document so you can easily fold and staple it into a booklet
 - Multi-page documents can be printed using different media types/colours for selected sections – avoiding time consuming insertions by hand.
 - Custom Paper Registration on Driver by Unique Names saves time in driver manipulation and avoids the need to memorize what type of paper is in which tray.
 - One-click settings for frequently used jobs saves time (RPCS)
 - Print jobs from different applications can be merged “on the fly” to create one document – saving the time to do manual collation after printing (RPCS)
 - Stored files can be repeatedly printed with no spool time delay
- **Fast Direct PDF printing** without driver saves processing time and network traffic
- **“Virtual” documents from different applications can be created** and saved with the FOC bundled utility DeskTopBinder – saving manual creation after printing
- **Volume Prints can be split between 2 or more printers** with the FOC bundled utility SmartDeviceMonitor – drastically reducing the total print time
- **Job Notification** informs when the print is outputted – saving unnecessary hanging around the printer

Features that save printer management time

- **Simple driver installation** gets you printing with only a few clicks
 - Auto Configuration of Options on driver without any software makes the driver loading procedure easier and quicker.
- **Administrators can manage the printer remotely** using Embedded Web Admin Tools – no need to visit the printer to change settings or load additional software
- **E-Mail Alert Function** – warns users/administrators when it is running out of toner or when it has a status problem.
- **Recovery Printing** redirects all prints to a specified backup printer in the event of downtime – giving IT administrators time to act



Features that give high quality prints

- **New multi bit printer engine** prints up to 9000 x 1200 dpi resolution producing smoother images and subtle details
- **Advanced Chemical Toner** – The SP C811dn uses a new PxPTM (Polyester Polymerization) chemical Colour Toner for improved image quality
- **Embedded Pantone support** for selecting, specifying and matching colours.
- **Black overprint feature** – enhances text quality by printing black last
- **Colour profiles** built into the printer allow users to emulate output from other devices, like an offset press for proofing and simulations.

Features that save printing costs

- **Toner “save” feature** means you can print more pages from the same cartridge
- **N-Up printing** allows you to print up to 16 page images on one sheet of paper
- **High 200k/month Duty Cycle** means excellent reliability and robust, long lasting machine.
- **Standard duplex** feature saves paper usage and reduces postage costs
- **Very high yield consumables** and separate maintenance kits for each major item provide an extremely low cost per print.
- **Print Preview** allows you to see the job after it is processed, but before it is printed (RPCS Driver). Any errors can be corrected at this stage before going to print.
- **Users can be restricted from printing in colour** and only given permission to print in cheaper black mono

Features that enhance office workflow and ease of use

- **Compatible with Ricoh Embedded Software Architecture™** - users can develop and install applications within the printer to meet specialized workflow requirements
- **Supports wide range of custom paper sizes** between A5 –A3 and weights up to 216 gsm from the 2 x 550 sheet standard trays. Banner printing up to 305mm x 1260mm/256 gsm from bypass.
- **Option of up to 5 paper trays on line** – eliminating the need to frequently check and replenish paper
- **“Easy pull” handles on paper trays** mean little force is necessary to open them
- **New “Tandem” 2000 Sheet Large Capacity Tray** – The LCT option allows paper to be replenished while it is in use
- **Replacement of toners is simple** and can be done with one hand by any office staff
- **Common stored files can be held locally on the HDD** for all users to output
- **“Virtual” Mailbox** gives users their own electronic HDD Mailbox area and saves the cost of a physical mailbox
- **Hooks directly to digital cameras** for “PC-free” printing of photographs with Pict bridge/USB Host option
- **Productive Control Panel features**
 - Clear 4 Line LCD Control Panel indicates when supplies need to be changed



Features that help the environment

- **No environmentally sensitive materials** (Lead, Chromium, PVC, Cadmium) have been used in manufacture.
- **Full environmental compliance** with Energy Star, Blue Angel, ISO Quality, ISO Environmental, ISO Plastic, WEEE and RoHS

Features that enhance network and document security

- **Data encryption** - prints sent by cable or wireless LAN can be encrypted, protecting them from interception, as can address book data and driver login information.
- **Network Ports can be closed** to protect against inbound security threats.
- **Hard Disk data can be protected** by optional Disk Overwrite System
- **Confidential and stored prints** can be held on the standard HDD and released only with a password
- **Driver Features**
 - Unauthorised prints can be traced with the unique Driver Data Security Feature
 - Watermarks provide the ability to print text, such as "Confidential," in the background of every page of a document
- **Access to printing can be completely removed** either by IP range restriction, ID codes or authentication via Windows/LDAP

Features that enhance connectivity and ensure corporate IT compliance

- **Network ready** for simple connection and shared use
- **Wide range of drivers** - true Adobe PS3 and PCL5c/PCL6 industry standard drivers, with unique Ricoh RPCS driver
- **Universal PCL6 and PS3 Drivers** promote corporate driver consistency
- **Compatible with Mac and PC**
- **Non-Windows connectivity** including Unix/Linux, SAP/R3 environments, Novell NDPS Gateway, Citrix Metaframe and IBM AS/400 HPT
- **Network compliant features** like Dynamic DNS, Bonjour, IPV6, and Ipsec.
- **Network future proof** with Gigabit Ethernet, IEEE802.11g Wireless LAN, Bluetooth, Parallel, Pictbridge options

Features that relate to specific vertical markets

- **Full range of Barcode fonts supported** – (logistics/manufacturing)
- **A3 size Banner printing** for point of sale and large spreadsheet use (retail/financial)
- **Ricoh Embedded Software Architecture** enables customized applications to meet unique customer workflows (forms/barcodes/transaction printing)