Ricoh Aficio SP 4210N

B/W Laser Printer

High Productivity in a Compact Design

RICOH

flexible

dynamic

affordable

Ricoh Aficio SP 4210N

Aficio®

Fast, High-Quality Printing

Get all the advantages of a large-office laser printer without a big-ticket price. The highly affordable RICOH® Aficio® SP 4210N delivers impressive speed and superior black & white image quality, plus advanced security and workflow tools — all in a compact design that helps cost-conscious customers and mid-size businesses reduce total cost of ownership.

Achieve Maximum Productivity

Print at top speed with the highest quality.

- Reach a maximum output speed of 37 pages-per-minute and ensure crisp, clean output with full 1200 x 600 dpi resolution.
- Achieve powerful connectivity with a 466 MHz controller and 256 MB RAM (expandable to 512 MB).
- Save time and paper with optional duplexing – part of your Total Green Office Solution that helps minimize environmental impact.
- Increase productivity with a first print speed of less than 7 seconds and a warm-up time of only 19 seconds.
- Archive documents locally and store frequently printed documents with the optional 80GB Hard Disk Drive.
- Minimize network data traffic by maintaining small file sizes with PDF Direct Print.

Elevate Your Expectations

Create a wider variety of documents with speed and ease.

- Print reports, plans, menus, postcards and more. All paper sources accept sizes up to 8.5" x 14" and paper weights up to 34 lb. Bond — up to 90 lb. Bond in the Bypass Tray.
- Accommodate larger workgroups with an expandable paper supply of up to 1,600 sheets.
- Ramp up mailing productivity with an optional envelope feeder that holds up to 60 envelopes.

High-End Workflow and Security

- Manage device settings, view job queues and check supply levels from your desktop using standard Web Image Monitor.
- Protect data, documents, passwords and personal information stored on or shared by Ricoh networked devices with optional hard disk drive encryption.
- Increase productivity with Genuine IPDS for host printing in workgroup environments.

Affordable and User-Friendly

- Ensure the lowest possible total cost of ownership with an aggressive price point and competitive cost-per-page factors.
- Easily access the user replaceable All-In-One print cartridge system and eliminate the need for service calls.

Engine Specifications

Type	Desktop
CPU	RM7035C @ 466 MHz
Memory	256 MB RAM standard/512 MB RAM maximum; 80 GB Hard Disk Drive (optional)
Technology	Laser beam scanning electrophotographic printing with dual-component toner development
Resolution	1200 x 600 dpi/600 x 600 dpi/300 x 300 dpi
Printing Speed	37 pages-per-minute (Letter)
First Print Speed	6.9 seconds or less
Duplex	Optional
Dimensions (WxDxH)	15.3" x 17.8" x 13.6"/388 x 450 x 345 mm
Weight	38.6 lbs./17.5 kg
Standard Paper Capacity	500-Sheet Paper Tray, 100-Sheet Bypass Tray
Optional Paper Capacity	2 x 500-Sheet Paper Feed Units
Maximum Paper Capacity	1,600 sheets
Output Capacity	250 sheets (face down)
Acceptable Paper Sizes	Standard Tray: All standard sizes from 5.5" x 8.5" – 8.5" x 14" (statement to legal) (All standard metric sizes from A5 – A4) Custom sizes: Width from 3.9" – 8.5" – Length from 5.6" – 14" Bypass Tray: All standard sizes from 4.1" x 5.8" – 8.5" x 14" (All standard metric sizes from A4 – A6) Custom sizes: Width from 2.6" – 8.5" – Length from 5.6" – 14" Optional Paper Feed Unit: All standard sizes from 5.5" x 8.5" – 8.5" x 14" (statement to legal) (All standard metric sizes from A5 – A4) Custom sizes: Width from 3.9" – 8.5" – Length from 6.3" – 14"
Media Types	Plain Paper, Recycle Paper (Standard & Optional Paper Feed Units); Plain Paper, Thick Paper, Transparency, Recycle Paper, Envelopes (Bypass Tray); Envelopes (Envelope Feeder)
Paper Weight	Standard & Optional Paper Feed Units: 16 – 34 lb. Bond (60 – 130 g/m²) Bypass: 16 – 43 lb. Bond/90 lb. Index (60 – 162 g/m²)
Power Source	120V, 60Hz
Power Consumption	Active: 582W; Ready: 115W; Sleep: 3.3W (Actual Measured Value)
Standard Connectivity	10/100Base-TX Ethernet, USB 2.0, USB 2.0 Host
Optional Connectivity	IEEE 802.11a/b/g Wireless LAN, Gigabit Ethernet (1000Base-T), IEEE 1284 Interface Board, VM Card Type K for Java-based device SDK option
Printer Languages	Ricoh Refined Print Command Stream (RPCS), PCL5e, PCL6, PostScript3 emulation/PDF Direct Print, IPDS* (optional)
Fonts	PCL TrueType: 45 Roman fonts, 13 International fonts, PS3: 80 fonts
Network Protocols	TCP/IP, IPX/SPX (available with Netware option), AppleTalk with simultaneous auto-sensing/auto-switching
Operating Systems	Windows 2000/XP/Server 2003/Vista/Server 2008; Macintosh OS Classic 8.6 or later, OS X 10.1 or later; Novell NetWare v 3.12 – 6.5; UNIX** (using Ricoh UNIX filter); Citrix MetaFrame; SAP R/3
Print Utilities	SmartDeviceMonitor for Admin, Printer Utility for Mac***, DeskTopBinder Lite - SmartDeviceMonitor for Client, Agfa Font Manager 2000, Web Image Monitor (embedded web server), DeskTopBinder Professional (optional), Web SmartDeviceMonitor (optional)
User Codes	200
Safety Regulations	UL60950, FCC Part 15 Class B device, Energy Star (current regulation)

*IPDS option available 3/09.
**For UNIX support, visit www.ricoh-usa.com/downloads.
***Mac OS X v.10.0.x and Mac OS X v.10.2.0 is not supported.
Please note the XPS Driver (Vista/Server 2008) is downloadable from the Ricoh website.

Security Features

Standard	Secure Socket Layer (SSL), Encryption Administrator & User Authentication, SNMP v3 Authentication and Data Encryption (address book encryption), PDF Direct Print Password Protection, User Codes, Network Port On/Off, WPA (Wi-Fi Protect Access Support), IPsec, IEEE 802.1x
Optional	HDD DataOverwriteSecurity System (DOSS), Locked Print (requires Optional HDD)

Controller Options

	Part #
IEEE 802.11a/b/g Wireless LAN Type L	403000
SDRAM 128 MB Type C	402965
SDRAM 256 MB Type C	414046
HDD Type 2670	406407
Gigabit Ethernet Board Type A	402547
VM Card Type K	406535
Data Storage Card Type A	402627
IEEE 1284 Interface Board	411699
SD Card for NetWare Printing Type B	406425
HDD Overwrite Security Unit Type L*	406426
IPDS Unit Type 4210**	–

*This option must be installed by a technician.
**When ordering the IPDS option, please check with your Sales Manager for the IPDS Unit Part Number.

Optional Paper Handling Accessories

	Part #
Paper Feed Unit Type TK 1030	402807
Duplex Unit AD 1000	402808
Envelope Feeder Type 400*	400939

*The Paper Feed Unit Type TK 1030 must be purchased in order to use the Envelope Feeder Type 400.

Target Consumable Yields*

Consumables	Part #	Yield
Toner	402809	15,000 prints
Maintenance Kit SP 4100 Type 120	402815	90,000 prints
Maintenance Kit SP 4100 Type 220	402816	90,000 prints

*Model starter toner cartridges at 6,000 prints; all other consumables ship at full yield.
Condition: ISO/IEC19752 is used to measure the above toner yield.

Specifications subject to change without notice.

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Bringing Ricoh Value to Your Organization
Ricoh technology offers a diverse portfolio of solutions to help your organization stay competitive and move ahead. Let Ricoh show you how to empower your business to improve critical processes, keep information secure, ensure compliance and promote environmental sustainability while reducing the total cost of ownership.

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Print speed may be affected by network, application or PC performance.
Specifications and external appearances are subject to change without notice. Products are shown with optional features.

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