

Ricoh Aficio SP 5200S/SP 5210SF/  
SP 5210SR

Digital Imaging System

Versatile, powerful performance

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# Ricoh Aficio SP 5200S/SP 5210SF/SP 5210SR

## System Specifications

### Main Unit

|                           |  |
|---------------------------|--|
| Aficio SP 5200S           | Part # 406851  |
| Aficio SP 5210SF          | Part # 406852  |
| Aficio SP 5210SR          | Part # 406853  |
| Configuration             | Desktop  |
| Printing Technology       | Laser beam scanning & electrophotographic printing; Monochrome toner development; All-In-One Print Cartridge Technology  |
| Scanning Technology       | Full-Color Flatbed Scanning w/CCD Image Sensor   |
| Scan Type                 | Sheet, book, three-dimensional objects   |
| Print Speed (LTR)         | SP 5200S: 47-ppm, SP 5210SF: 52-ppm, SP 5210SR: 52-ppm   |
| First Print Speed         | 7.5 seconds or less  |
| Warm-up Time              | 20 seconds or less   |
| Grayscale                 | 256 levels   |
| Copy Resolution           | 600 x 600 dpi via Platen Glass, 600 x 300 dpi via ARDF   |
| Print Resolution          | 1200 x 600 dpi, 600 x 600 dpi, 300 x 300 dpi   |
| Fax Resolution            | 200 x 200 dpi, 200 x 100 dpi standard, 200 x 400 dpi, 400 x 400 dpi with optional memory   |
| Document Feeding          | Automatic Reversing Document Feeder (Standard); Original Capacity: 50 sheets<br>Original Size: 5.5" x 8.5" - 8.5" x 14" (128 mm x 139.7 mm - 216 mm x 355.6 mm); Custom: Up to 49.6" (1260 mm) (Simplex only)<br>Platen: 8.5" x 11.69" (216 x 297 mm)<br>ARDF: 8.5" x 49.6" (216 x 1260 mm)<br>Up to 999<br>Platen: 25% - 400% in 1% increments<br>ARDF: 25% - 200% in 1% increments   |
| Max. Imageable Area       | 93%, 78%, 65%<br>155%, 129%  |
| Multiple Copies           | 550-sheet Tray + 100-sheet Bypass = 650 sheets   |
| Zoom                      | Optional Paper Feed Unit (Up to 3 may be installed)  |
| Preset Reduction          | 2,300 sheets   |
| Preset Enlargement        | Standard, up to 8.5" x 14" (Approx. 90% productivity)  |
| Standard Paper Supply     | SP 5200S: 500 sheets face down; SP 5210SF: 600 sheets face down (w/1Bin Tray); SP 5210SR: 250 sheets face down (w/Finisher)  |
| Optional Paper Supply     | Standard Tray, Standard Sizes: Letter, Legal, Executive, Half Letter, A4, A5, A6, B5, B6, F/GL, Foolscape, Folio; Envelopes: Com10, Monarch, C6, C5, DL, Custom Sizes: Width: 3.86" - 8.5" (98 mm - 216 mm), Length: 5.52" - 14.01" (140 mm - 356 mm); Bypass Tray, Standard Sizes: Letter, Legal, Executive, Half Letter, A4, A5, A6, B5, B6, F/GL, Foolscape, Folio; Envelopes: Com10, Monarch, C6, C5, DL, Custom Sizes: Width: 2.52" - 8.5" (64 mm - 216 mm), Length: 5.52" - 35.43" (140 mm - 900 mm) |
| Max. Paper Capacity       | Optional PFUs(s), Standard Sizes: Letter, Legal, Executive, Half Letter, A4, A5, B5, B6, F/GL, Foolscape, Folio; Envelopes: Com10, Monarch, C6, C5, DL, Custom Sizes: Width: 3.86" - 8.5" (98 mm - 216 mm), Length: 6.3" - 14.01" (160 mm - 356 mm)  |
| Automatic Duplexing       | Standard & Optional Tray(s): 14 - 59 lb. Bond/120 lb. Index (52 - 220 g/m <sup>2</sup> )<br>Bypass Tray: 14 - 59 lb. Bond/120 lb. Index (52 - 220 g/m <sup>2</sup> ); When Duplexing: 16 - 44 lb. Bond/90 lb. Index (60 - 163 g/m <sup>2</sup> )   |
| Output Capacity           | Plain Paper, Recycled Paper, Middle Thick Paper, Thick Paper, Thin Paper, Transparency, Letterhead, Label, Color, Preprinted, Envelopes  |
| Paper Sizes               | SP 5200S: 18.1" x 20" x 27" (460 mm x 510 mm x 686 mm); SP 5210SF: 18.1" x 20" x 27" (460 mm x 510 mm x 686 mm); SP 5210SR: 18.1" x 24.2" x 27" (460 mm x 615 mm x 686 mm)<br>SP 5200S: 99.2 lb. (45 kg); SP 5210SF: 103.6 lb. (47 kg); SP 5210SR: 116.8 lb. (53 kg)   |
| Paper Weights             | 120 - 127V, 60Hz<br>Operating: SP 5200S: 863 W, SP 5210SF: 892 W, SP 5210SR: 858 W<br>Energy Saver: 8 W or less<br>UL60950-1, CAN/CSA C22.2 No.60950-1 (c-UL) FCC Part 15 Subpart B, IC ES-003<br>ENERGY STAR Tier 2, ECP  |
| Paper Types (all sources) | 5,500 - 15,000 total impressions/month<br>Up to 200,000 total impressions/month  |
| Dimensions (WxDxH)        | Up to 200,000 total impressions/month  |
| Weight                    |  |
| Power Requirements        |  |
| Power Consumption         |  |
| Safety Regulations        |  |
| EMI                       |  |
| Environmental Standard    |  |
| Average Monthly Volume    |  |
| Maximum Duty Cycle        |  |

### Print Controller

|                           |  |
|---------------------------|--|
| CPU                       | 533 MHz  |
| Memory                    | 1 GB RAM standard/maximum  |
| Hard Disk Drive*          | 128 GB (standard)  |
|                           | *Includes HDD Encryption Unit and Overwrite (DOSS)   |
| Interfaces                | Standard: 10/100Base-TX Ethernet, USB 2.0 Hi Speed Type B (for direct computer connection), Dual USB 2.0 Host Interfaces Type A (for external device connection), Front USB 2.0/SD Card Slot Interface (for Scan To/Print From portable media).<br>Optional: Gigabit Ethernet (1000Base-T), IEEE 802.11a/g Wireless, Bluetooth |
| Printer Languages/Drivers | PCL 5e, PCL 6, XPS, Adobe PostScript <sup>3</sup> , PDF Direct Print, Genuine IPDS (optional)  |
| FonTS                     | PCL: 45 fonts + 13 International fonts; Post-Script 3: 136 fonts; IPDS: 108 fonts (optional)   |

### Supported Environments

|   |  |
|---|--|
| Windows XP, Vista, 7, Server 2003/2003R2, Server 2008/2008R2, Mac OS X v.10.2+, Novell NetWare v.6.5+, Citrix Presentation Server, UNIX/Linux |  |
| Network Protocols   | TCP/IP (IPv4, IPv6), IPX/SPX, Bonjour  |
| Software Utilities  | Bundled Utilities: Web Image Monitor, Font Manager 2000, Optional Utilities: SmartDeviceMonitor for Admin Accounting Package, SmartDeviceMonitor for Client DeskTopBinder Lite, @Remote Communication Gate S Pro   |
| Standard Security Features  | Administrator Authentication (5 Levels), User Authentication (5 types), HDD Overwrite (DOSS) & Data Encryption, Secure Print, Encrypted Secure Print, Encrypted PDF Mode, Scan-to-Web Mail (SMTP over SSL), IP Address Filtering, Transport Layer Security (TLS), SSL Communication, IPv6, IP Sec, SNMPv3, Quota Setting   |
| Controller Options  | IEEE802.11 a/g Interface Unit Type J (Part #414008); Gigabit Ethernet Board Type C (Part #406914); Bluetooth Interface Unit Type D (Part #415818); IPDS Unit Type 5210 (Part #406816); Data Overwrite Security Unit Type I* (Part #413955); Remote Communication Gate A (Part #415135); Fax Option Type SP5200 (Part #406594); Fax Memory Unit Type B 32MB (Part #001342MIU); Telephone Handset Type 1018 (Part #410781); HotSpot MP Option Type E (Part #415621); Browser Unit Type E (Part #414715); File Format Converter Type E (Part #414007) |

\*For Common Criteria Certification (CCC) use. Certification pending.

### Scanner

|                                 |  |
|---------------------------------|--|
| Scanner Type                    | Full Color CCD   |
| Scanning Resolutions            | Scan-To Modes: 100/200/300/400/600 dpi (Black & White, ARDF & Platen); 100/200/300 dpi (Full Color, ARDF); 100/200/300/400/600 dpi (Full Color, Platen).<br>TWININWSDMIA: 100 - 600 dpi in 1% increments (Black & White, ARDF); 100 - 600 dpi in 1% increments (Full Color, ARDF & Platen) |
| Default Resolution              | 200 dpi  |
| Scanning Speed                  | Over 30-ippm (B&W/FC, LTR @ 200 dpi)   |
| Max. Original Size              | Platen: Up to 8.5" x 11.7" (216 mm x 297 mm); ARDF: Up to 8.5" x 49.6" (216mm x 1260 mm)   |
| Protocols                       | Network: TCP/IP; Scan-to-Email: POP, SMTP; Scan-to-Folder: SMB, FTP, NCP   |
| Scan Modes                      | B&W Text, B&W Text/Line Art, B&W Text/Photo, B&W Photo, Grayscale, Full-Color Text/Photo, Full-Color Glossy Photo, Auto Color Select (ACS)   |
| Image Density                   | Auto + 7-step Manual scale   |
| Image Rotation                  | Supported  |
| SADF/Batch Mode                 | Supported  |
| Supported File Formats          | Single/Multi Page TIFF, Single Page JPEG, Single/Multi Page PDF, High Compression PDF  |
| Scan-To Modes                   | Scan-to-Email, Scan-to-Folder (SMB/FTP/NCP); Scan-to-URL, Scan-to-Media (USB/SD Card)  |
| Scan-to-Email                   | Standard; Authorization: SMTP authentication, POP before SMTP authentication   |
| Max. Addresses/Send LDAP Search | 500; Attention: To, cc, bcc  |
| Maintain E-mail Address         | Supported  |
| E-mail Attachments              | Direct input from control panel, Web Image Monitor, SmartDeviceMonitor for Admin   |
| Input File Name                 | Up to 2 GB without restriction   |
| Input Subject                   | Yes  |
| Input Body Message              | Up to 128 characters   |
| Scan-to-Folder                  | Up to 80 characters + 5 pre-registered messages  |
| Maintain Address                | Standard; Protocol Support: SMB, FTP, NCP  |
| Max. Folders/Send               | Direct input from control panel, Web Image Monitor, SmartDeviceMonitor for Admin   |
| Max. Addresses/Send             | 100  |
| File Attachment Size            | 500  |
| Input File Name                 | Up to 2000 MB  |
| Network TWIN Scanning           | Yes  |

|  |
|--|
| Standard - All models + Web Services (WSD)   |
| Scanner for Vista; Operating Systems: Windows XP, Server 2003, Vista, 7, Server 2008/R2; Scan Modes: Standard, Photo, OCR, Filing; Image Adjustment: Brightness, Contrast, Threshold, Gamma Adjustment, Halftone Pattern |
| Date, Page Number, Text  |

### Endorse

|                         |                                      |
|-------------------------|--------------------------------------|
| Document Server         |                                      |
| Total HDD Capacity      | 128 GB (Shared with other functions) |
| Max. Stored Documents   | 3,000 documents                      |
| Max. Pages per Document | 2,000 pages                          |

### Fax Option Type SP5200 - Part # 406594

|   |  |
|---|--|
| (Standard for SP 5210SF, Optional for SP 5200S/ 5210SR) |  |
| Type  | Super G3 Transceiver   |
| Circuit   | PSTN, PBX  |
| Number of Lines   | 1  |
| Compatibility   | ITU-T, Group 3   |
| Resolution (dpi)  | 200 x 100, 200 x 200, 200 x 400, 400 x 400 (for Internet & IP Fax, requires optional SAF memory) |
| Modem Speed   | 33,600 bps - 2,400 bps w/Auto Fallback   |
| Compression Method                                      | MH, MR, MMR, JBIG  |

### Transmission Speed

|   |
|---|
| G3: Approximately 2 seconds/page (w/JBIG)   |
| G3: Approximately 3 seconds/page (w/MMR)  |
| Up to 40-ppm (B&W, LTR @ 200 x 100 dpi)   |
| See Scanner & Document Feeding Specifications   |
| Up to 2,000 Quick Dial numbers in Address Book  |
| 100 Group Dial numbers (500 locations per Group)  |
| Standard: 4 MB RAM (approx. 320 pages)  |
| Maximum: 28 MB RAM (approx. 2,240 pages)  |
| 1 hour  |
| LAN Fax, Internet Fax (T.37), IP Fax (T.38)   |
| Standard on SP 5210SF, requires Fax Option Type 5200 for SP 5200S and SP 5210SR;  |
| Connection; 10/100Base-TX Ethernet, IEEE 802.11 a/g Wireless, or Gigabit Ethernet interface; Protocol: T.37 Full Mode; Max. Addresses Per TX: 500; Operating Systems: Windows XP, Server 2003, Vista, 7, Server 2008/R2; Document Size: Letter, Legal, A4, A5   |
| Standard on SP 5210SF, requires Fax Option Type 5200 for SP 5200S and SP 5210SR; Connection: 10/100Base-TX Ethernet, IEEE 802.11 a/g Wireless, or Gigabit Ethernet interface; Protocol: T.37 Full Mode; Max. Addresses Per TX: 500; Transmission Function: Conversion of files to TIFF format for E-mail TX to a PC; Original Size: Letter, A4  |
| Standard on SP 5210SF, requires Fax Option Type 5200 for SP 5200S and SP 5210SR; Connection: 10/100Base-TX Ethernet, IEEE 802.11 a/g Wireless, or Gigabit Ethernet interface; Protocol: T.38, TCP, UDP/IP communication; TX/RX Function: To/from IP Fax compatible machines via network; To/from G3 Fax machines via VoIP gateway; Original Size: Letter, A4 (216 mm x 356 mm); Custom: Up to 8.5" x 47" (216 mm x 1200 mm) |

### Hardware Accessories

|  |   |   |
|--|---|---|
| Optional Paper Feed Unit (TK1090) - Part # 406599              | Capacity  | 550 sheets, 1 or 2 units may be installed         |
| Paper Size Range   | 3.86" x 6.3" - 8.5" x 14.01" (98 mm x 160 mm - 216 mm x 356 mm)       |   |
| Paper Weight   | 14 lb. Bond - 80 lb. Cover/120 lb. Index (52 - 220 g/m <sup>2</sup> ) |   |
| Dimensions (WxDxH)   | 17.8" x 20.3" x 5.9" (450 mm x 516 mm x 150 mm)                       |   |
| Weight   | 19.9 lb. (9.0 kg)   |   |
| Optional Paper Feed Unit with Casters (TK1100) - Part # 406600 | Capacity  | 550 sheets, 1 unit may be installed as bottom PFU |
| Paper Size Range   | 3.86" x 6.3" - 8.5" x 14.01" (98 mm x 160 mm - 216 mm x 356 mm)       |   |
| Paper Weight   | 14 lb. Bond - 80 lb. Cover/120 lb. Index (52 - 220 g/m <sup>2</sup> ) |   |
| Dimensions (WxDxH)   | 24.7" x 25.0" x 8.7" (627 mm x 635 mm x 220 mm) (including casters)   |   |
| Weight   | 26.5 lb. (12.0 kg)  |   |
| Internal Finisher (Standard for SP 5210SR only)                | Tray Capacity   | 250 sheets  |
| Modes  | Shift Sort, Stack, Staple   |   |
| Paper Weight   | 14 - 59 lb. Bond/120 lb. Index (52 - 220 g/m <sup>2</sup> )           |   |
| Stapling   | 1 position; Top parallel  |   |
| Staple Sheet Sizes   | Letter, Legal, Executive, A4, B5, Foolscape, Folio, F                 |   |
| Staple Capacity  | 50 sheets/set (Letter)  |   |
| Staple Capacity  | 30 sheets/set (Legal)   |   |
| Stack Capacity after Stapling                                  | 2 sheets: 33 sets; 30 sheets: 7 sets; 50 sheets: 4 sets               |   |
| Staple Paper Weight  | 14 - 24 lb. Bond (52 - 90 g/m <sup>2</sup> )                          |   |
| Staple Cartridge Capacity                                      | 5,000 staples   |   |
| 1-Bin Tray (Standard for SP 5210SF only)                       | Tray Capacity   | 100 sheets  |
| Paper Weight   | 14 lb. Bond - 80 lb. Cover/120 lb. Index (52 - 220 g/m <sup>2</sup> ) |   |

### Supplies and Consumables

| Item                      | Yield         | Part # |
|---------------------------|---------------|--------|
| Black AIO Print Cartridge | 25,000 pages* | 406683 |
| SP 5200HA                 |               |        |
| Staple Type T             | 5,000/carton  | 415009 |
| Refill Staple Type T      | 10,000/carton | 415010 |
| Maintenance Kit SP 5200   | 120,000 pages | 406686 |

Includes 1 Fusing Unit, 1 Transfer Roller, 5 Feed Rollers and 5 Friction Pads

\*Declared yield values based on ISO/IEC 19752. Actual yields may vary based on types of images printed and other factors.

The Ricoh Aficio SP 5200S/SP 5210SF/SP 5210SR ships with one starter AIO cartridge yielding 6,000 pages. All other consumables ship at full yield.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies. Specifications subject to change without notice.

### Warranty

The Ricoh Aficio SP 5200S/SP 5210SF/SP 5210SR is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

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