Ricoh Aficio SP 4100NL
B/W Laser Printer
Superior Quality, Sensible Price

RICOH

simple

smart

value

Impressive Performance, Excellent Value

Now you can get the speed, quality and reliability of a "big office" laser printer in a truly affordable black & white system. The RICOH® Aficio SP 4100NL is ideal for budget-minded users in small and mid-size environments. It offers outstanding speed for its class, along with advanced paper handling and a long-lasting, user-friendly design.

Do More for Less

Upgrade performance without compromising the budget.

- Go from click to print in seconds. The Aficio SP 4100NL prints 31 pages-per-minute.
- Expect superior black & white quality with resolutions up to 1200 x 600 dpi.
- Print large files without slowing down, thanks to standard 192 MB RAM that is expandable to 384 MB.
- Get your output without waiting with a first print speed of less than seven seconds.
- Store frequently used documents in the 40 GB hard disk drive for instant reprints.
- Print PDFs without opening the native application, using PDF Direct Print.

Handle a Variety of Jobs

The Aficio SP 4100NL handles paper with the flexibility of a larger, pricier system.

- Reduce interruptions caused by reloading. Total paper capacity (with all trays and options) is an impressive 1,600 sheets.
- Optional duplexing runs at nearly 100% of simplex speed. Print two-sided documents without feeding pages twice.
- Produce a wider variety of documents. The Aficio SP 4100NL accepts up to 34 lb. paper stock in all trays (up to 90 lb. Index in the Bypass Tray) and sizes up to 8.5" x 14".
- Complete mailing jobs with fewer manual steps using an optional envelope feeder.

Ensure Easy Workflow

- Save space on the desktop with front-access paper trays and a small footprint.
- Choose the right paper for your job using innovative print drivers that show the specific weight (in g/m2) of the paper in each drawer.
- Keep tabs on network settings, usage details and supply status remotely with the handy Web Image Monitor utility.

Make a Smart Investment

- Add a fast, fully equipped laser printer to your office for an attractive initial cost.
- Expect outstanding reliability normally reserved for high-volume systems.

Engine

Type	Desktop
CPU	RM5231 @ 400MHz
Memory	192 MB RAM standard/384 MB RAM maximum
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	31 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 mm x 450 mm x 345 mm)
Weight	38.6 lb. (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" – 14.01" 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" x 14.01" Optional Paper Feed Units: All standard sizes 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" – 14.01"
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 Weights	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	960W or less; Energy Saver (10W or less standby) – Full Option
Standard Connectivity	USB 2.0, 10/100Base-TX, IEEE 1284 Type C
Optional Connectivity	IEEE 802.11b, Gigabit Ethernet, USB Host I/F
Hard Disk Drive	40 GB (optional)
Drivers	RPCS, PCL5e, PCL6, Genuine Adobe® PostScript® 3™, PDF Direct
Fonts PCL	TrueType: 10 fonts, Intelli: 35 fonts, 1 Bitmap font, 13 fonts (International Font), PS3: 136 fonts
Network Protocols	TCP/IP, IPX/SPX, SMB, AppleTalk
Operating Systems	Windows 2000/XP/Server 2003/Vista; Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; Unix (using Ricoh UNIX filter*); Macintosh OS 8.6 or later, OS X 10.1 or later
Print Utilities	SmartDeviceMonitor for Admin, Web Image Monitor (embedded web server), Printer Utility for Mac, Agfa Font Manager 2000, DeskTopBinder Lite (SmartDeviceMonitor for Client), Web SmartDeviceMonitor (optional), DeskTopBinder Professional (optional)
User Codes	200
Safety Regulations	UL UL60950, FCC Part 15 Class B device, Energy Star (current regulation)

*For UNIX support, visit www.ricoh-usa.com/downloads

Security Features

Standard: SNMP v3 Authentication and Data Encryption (password/address book encryption); PDF Direct Print Password Protection; Locked (Secure) Print; User Codes; User Authentication; WPA (Wi-Fi Protect Access Support)

Optional: HDD DataOverwriteSecurity System (DOSS), Locked Print (requires Optional HDD)

Controller Options

	Ricoh Part No.
Wireless IEEE 802.11b Type N	403017
USB Host Interface Type 7300	402304
SDRAM 128 MB Type C	001179MIU
SDRAM 256 MB Type C	001180MIU
HDD Type 2650	402872
Gigabit Ethernet Board Type A	402547
VM Card Type D	402704
Data Storage Card Type A	402627
HDD Overwrite Security Type E*	402550

*This option must be installed by technician

Optional Paper Handling Accessories

	Ricoh Part No.
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	Ricoh Part No.	Yield
Toner	403073	7,500 prints
Maintenance Kit	402815	90,000 prints

*SP 4100NL starter toner cartridges at 3,000 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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