

AP4510

THE RICOH AFICIO AP4510 NETWORK PRINTER

reliable

versatile

sharp

network

speed

2

3

4

THE RICOH

printer series

- Fast 45 ppm in both simplex and duplex printing modes
- Versatile paper handling and document finishing
- Seamless connectivity with all major platforms and network protocols
- Reliable — 250,000-print duty cycle

Aficio®

RICOH®



THE RICOH AFICIO AP4510

The laser printer that meets
the daily demands of everyone
in the department.

network printer

In today's competitive business environment, all employees are being asked to increase productivity and achieve greater results with fewer resources. With these types of challenges, employees need systems and peripherals that produce the desired results. The RICOH® Aficio AP4510 Network Printer is up for the challenge!

This powerful black & white laser printer is designed to serve large workgroups or a department's needs for versatile output—ranging from one-page memos and e-mails to multiple sets of complex documents. The AP4510 fits into virtually any operating environment and comes with a variety of utilities that complement your existing workflow. Just plug it in and turn on the AP4510 for maximum productivity. It keeps going and going with the quality, reliability and durability you've come to expect from all Ricoh products.

For business environments where seconds count...

- The AP4510 prints at 45 ppm in both simplex and duplex modes, making quick work of long documents.
- First-Print-Out (FPO) time of less than 5.9 seconds and a quick warm-up time of less than 22 seconds enable the AP4510 to serve users with minimal delays.
- A robust 300 MHz RISC CPU allows the AP4510 to print at full speed.
- An optional hard disk drive that supports spooling and collating of documents makes the AP4510 a real document printer.
- True productivity is based on the number of finished documents completed, not printed pages per minute, and the AP4510 delivers documents duplexed, collated, and stapled, ready for distribution without manual intervention. That's document production!

A laser printer for departments where versatility is paramount...

- A maximum paper capacity of 3,550 sheets through five cassettes and a bypass tray provides uninterrupted printing on a variety of paper sizes and stocks. The paper trays accommodate page sizes up to 11" x 17".
- Virtually continuous printing by automatically switching to alternative paper sources when the default tray is out.
- 9-bin mailbox plus a "proof" bin to facilitate orderly access to printed documents by multiple users and/or departments.
- 1,000- or 3,000-sheet finishing units that sort, 3-hole punch (optional) and staple documents.



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Features that add to productivity and convenience...

Additional tools that distinguish the AP4510 from the competition:

- Ricoh's **SmartNetMonitor** utility provides users with a constant status update of their default printer and other Ricoh printers on the network. Users know exactly when their document is finished printing, what paper sizes are loaded and their orientations.
- SmartNetMonitor can increase productivity by splitting multiple sets of a single document among multiple networked AP4510s. Further, SmartNetMonitor can also automatically redirect a print request from one AP4510 to another one if the primary printer is unavailable, thereby saving time and inconvenience.
- Insure privacy on confidential documents with the **Secure Printing** (Locked Print) feature. Document printing is suspended until an authorization PIN is keyed in at the AP4510, eliminating the possibility of unauthorized personnel reading the document, or even picking it up accidentally.
 - The **Sample Print** feature with the optional HDD reduces paper and toner wastage by printing a single document of a multi-copy document for proofing and review.

Successful businesses have the right connections...

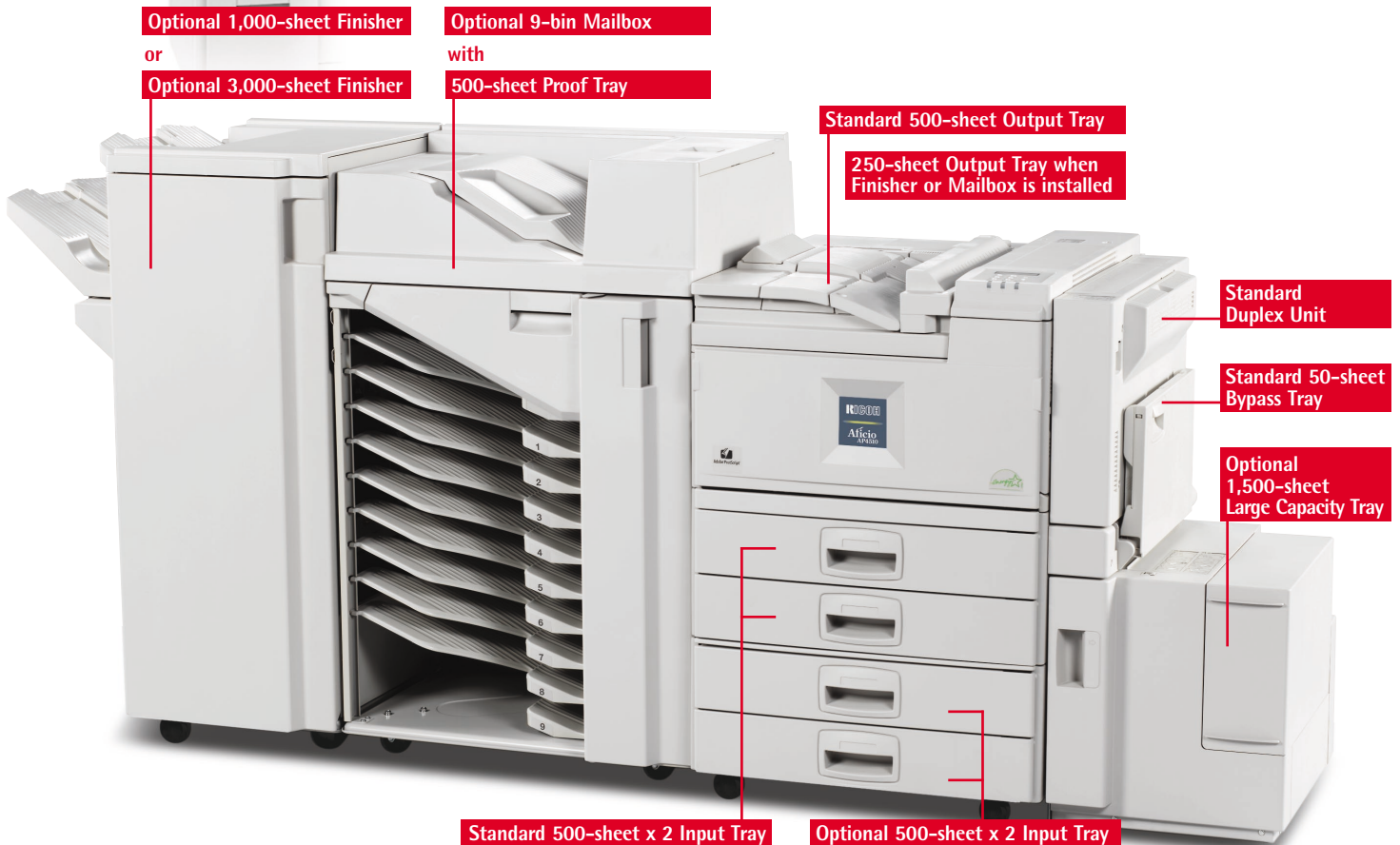
The AP4510 comes ready for today's networked office, with an auto-sensing 10/100 BaseTX network interface board. All the major protocols are supported, including TCP/IP, Novell IPX/SPX, AppleTalk, and NetBEUI.

- The AP4510 is compatible with Windows®, Apple Macintosh®, UNIX, and optionally, AS/400 platforms.
- **Three-page description languages** are standard on the AP4510: PCL 5e/6 emulations, Adobe® PostScript® 3, and Ricoh RPCS. Each offers users with a different advantage, but importantly they provide users with a choice in optimizing their printing workflow.
- The **Internet Printing Protocol** enables remotely located employees and other authorized users to print to the AP4510 just as if they were on the LAN.

Built for the long haul...

Business success is a marathon, not a sprint. The AP4510 is engineered to meet the peak demands of a department around the clock with:

- 250,000 page duty cycle
- 30,000 prints per toner cartridge (based on 5% coverage)
- 150,000 prints for the photoconductor, developer and fuser



THE RICOH AFICIO AP4510 NETWORK PRINTER

General Specifications (Part #400737)

Technology	Laser beam scanning and electro-photographic printing Dual-component toner development
Resolution	600 x 600 dpi
Throughput	45 ppm—Letter (simplex or duplex printing, stapling and punching)
First Print Speed	Less than 5.9 seconds
Dimensions (WxDxH)	26.4" x 25.2" x 22.0"
Weight	139 lbs.
Input Capacity	Standard Configuration: 500 sheets x 2 plus 50-sheet bypass Optional Paper Trays: 500 sheets x 2 Optional Large Capacity Tray: 1,500 sheets
Max. Paper Input	3,550 sheets
Output Capacity	Standard Configuration: 500 sheets Optional 9-bin Mailbox: 100 sheets x 9 plus 500 sheets Optional Finishers: 1,000 or 3,000 sheet versions
Max. Paper Output	4,900 sheets
Paper Size	Paper Trays: 5.5" x 8.5", 7.25" x 10.5", 8.5" x 11", 8.5" x 14", 11" x 17", A3, A4, A5 Bypass Tray: Width 4.0" to 11.7"; Length: 5.8" to 17" Large Capacity Tray: 8.5" x 11" only
Paper Weight	Paper Trays: 20 - 28 lb. bond Bypass Tray: 14 - 44 lb. bond Large Capacity Tray: 20 - 28 lb. bond
Paper Type	Plain paper, card stock, laser printer qualified transparencies, envelopes
Duplex Printing	Standard
Warm-up Time	Less than 22 seconds (Recovery from Energy Saver Mode: 15 seconds)
Input Current Rating	100 - 120V, 50 - 60Hz
Power Consumption	1280W (1400W when fully configured) Energy Saver Mode: 8W

Controller Specifications

CPU	RM7000A 300 MHz
Printer Languages	PCL 5e/6 emulations, Adobe PostScript 3, Ricoh RPCS
Fonts	PCL: 35 Intellifonts, 10 TrueType fonts, 1 bitmap font PostScript: 136 Type 1 fonts
Memory	Standard 64 MB; expandable to 320 MB
Hard Disk Drive	10 GB (Option)
Drivers*	PCL 5e/6 emulations: Win 3.1x/95/98/Me/NT 4.0/2000/XP PostScript: Win 95/98/Me/NT 4.0/2000/XP, Mac OS 8.6 or later <small>*For latest drivers visit http://www.ricoh-usa.com/download</small>
Standard Interfaces	Bi-directional IEEE 1284-compliant parallel 10/100Base-TX Ethernet
Network Protocols	TCP/IP; IPX/SPX (NetWare 3.12 or above, 4.1 or above, 5.0, 5.1 [NDPS]); AppleTalk; NetBEUI; IPP (Internet Printing Protocol)
Other Supported Networks	UNIX* (lpr/lpd): Sun Solaris 2.6, 7, 8; HP-UX 10.X, 11.0; SCO OpenServer 5.X; Red Hat Linux 7; IBM AIX 4.3, 5L <small>*For UNIX support, visit http://www.ricoh-usa.com/download</small>
Utilities	SmartNetMonitor; Web Status Monitor, Print Utility for Mac, DeskTopBinder

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



EPA 2000 Office Products Partner of the Year (5th consecutive year)
EPA 2000 Labeling Partner of the Year
RicoH Corporation has determined that this product meets the Energy Star*
guidelines for energy efficiency.



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Printed in U.S.A on recycled paper because Ricoh Cares.

Controller Options

Memory Modules	144-pin DIMM SDRAM (PC133 compliant)
64 MB RAM	(Part #001178MIU)
128 MB RAM	(Part #001179MIU)
256 MB RAM	(Part #001180MIU)

10 GB Hard Disk Drive	(Part #400744)
HDD is required for the Locked Print (Secure Printing), Sample Print, permanent font downloading and job spooling. HDD is recommended when installing a Finisher or to enable RIP Once Print Many function.	

Optional Paper Handling Accessories

PS430 Paper Tray	(Part #400430)
Paper Size	Same as Standard Trays
Paper Weight	Same as Standard Trays
Paper Capacity	500 sheets x 2 trays

RT36 Large Capacity Tray*	(Part #410072)
Paper Size	8.5" x 11"
Paper Weight	20 - 28 lb.
Paper Capacity	1,500 sheets

*Requires the installation of the PS430 Paper Tray.

SR730 Finisher*	(Part #410059)
Stack Capacity	3,000 sheets (8.5" x 11", 20 lb.) 1,500 sheets (8.5" x 14" or larger, 20 lb.) 50 sheets (8.5" x 11", 20 lb.) 30 sheets (8.5" x 14" or larger, 20 lb.)
Staple Capacity	7 positions
Staple Paper Sizes	8.5" x 11", 8.5" x 14", 11" x 17"
Staple Positions	7 positions
Proof Tray Stack Capacity	250 sheets (8.5" x 11" or smaller, 20 lb.) 50 sheets (8.5" x 14" or larger, 20 lb.)

*Requires the installation of the PS430 Paper Tray and Bridge Unit Type 1045 (Part #410677).

Punch Kit Type 450 Option for the SR730 Finisher	(Part #410085)
Number of Holes	2 or 3
Paper Size	8.5" x 11" to 11" x 17"
Paper Weight	14 - 28 lb.

SR720 Finisher*	(Part #410054)
Stack Capacity	1,000 sheets (8.5" x 11", 20 lb.) 500 sheets (8.5" x 14" or larger, 20 lb.) 30 sheets (8.5" x 11", 20 lb.) 20 sheets (8.5" x 14" or larger, 20 lb.)
Staple Capacity	7 positions
Staple Paper Sizes	8.5" x 11", 8.5" x 14", 11" x 17"
Staple Position	One: Upper Left

*Requires the installation of the PS430 Paper Tray and Bridge Unit Type 1045 (Part #410677).

Cannot be simultaneously installed with the 9-bin Mailbox or SR730 Finisher.

CS360 9-bin Mailbox*	(Part #410087)
Number of Bins	9 bins, 1 proof tray
Paper Size	Each bin: 8.5" x 11" to 11" x 17" Proof Tray: 5.5" x 8.5" to 11" x 17"
Paper Weight	Each Bin: 16 - 24 lb. Proof Tray: 14 - 42 lb.
Stack Capacity	Each Bin: 100 sheets (20 lb.) Proof Tray: 500 sheets (20 lb.)

*Requires the installation of the PS430 Paper Tray and Bridge Unit Type 1045 (Part #410677).

Mailbox Adapter Type 460 (Part #410092) is required when installing both the SR730 Finisher and the 9-bin Mailbox.

Cabinet FAC18	(Part #411071)
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Supplies

Toner Cartridge Type 3105D	(Part #885247)
Includes 4 bottles Approximately 30,000 letter pages at 5% coverage per bottle	

Maintenance Kit Type 4510A	(Part #400747)
Includes Photoconductor and Development Unit Approximately 150,000 letter pages at 5% coverage	

Maintenance Kit Type 4510B	(Part #400749)
Includes Fusing Unit and Transfer Unit Approximately 150,000 letter pages	

Staples Type G (for SR720 Finisher)	(Part #410133)
3,000 staples/cartridge x 4	

Staples Type F (for SR730 Finisher)	(Part #209307)
5,000 staples/cartridge x 5	

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