Exceptional Performance with Uncompromising Image Quality

Making a good impression has just gotten easier…

The Ricoh Aficio AP600N is an affordable monochrome laser printer with all the essentials…fast throughput, simplicity of operation, and high reliability…all on the desktop. Based on Ricoh's proven imaging technology, the AP600N is an efficient printing resource capable of supporting an individual or small workgroup.

Configured with a 10/100 BaseTX interface, the AP600N literally plugs seamlessly into your network; or select one of the other connectivity options, including wireless alternatives for the ultimate in mobile printing.

With the AP600N you are assured maximum results with minimal effort.

Designed for Performance and Quality

- An impressive 32 pages per minute, combined printers in its class. Combine that with a quick 6.5 second First Page Out speed means and your documents are printed with a click of the mouse.

- Powered by a 300MHz processor with 64MB RAM (that is upgradeable to 320MB) optimizes the printing performance of the AP600N.

- True 1,200 x 1,200 dpi resolution consistently produces high-quality documents, ensuring your documents have that professional look without compromising on productivity.

- Print Spooling increases your productivity by enabling your PC to return to the application faster. Your documents are rasterized and printed while you focus on another task.

A short paper path provides higher throughput and reliability.

Paper Handling to Support Your Diverse Needs

- Print onto paper sizes up to 11" x 17", and a wide range of media types, including envelopes, labels, transparencies, card stocks, and recycled papers.

- A standard 500-sheet paper supply holds a full ream of paper and offers the added flexibility of a standard multipurpose Bypass Tray that holds up to 100 sheets of paper or special media, so your primary paper source isn't disturbed.

- Add up to two additional 500-sheet trays to increase your total paper capacity to a maximum of 1,600 sheets, from four sources, for longer uninterrupted printing.

RICOH ®

- Reduce paper consumption with the optional automatic Duplex Unit, with virtually no impact on output performance.

- Add an optional 1-bin Shift Sort Tray or 4-bin mailbox to organize your documents for easy retrieval.

Designed for Simplicity and Compactness

- The AP600 has a single panel front-access design. Whether it is adding paper or replacing the All-In-One toner cartridge, it's all through the front panel.

- Even when fully configured, with optional paper trays and accessories, the compact footprint of the AP600N is unaffected so that it still fits on the desktop.

Choose Your Connection

- For high-speed network connections, the AP600N offers a built-in Ethernet 10/100 BaseTX interface. For single-computer configurations, the AP600N also ships with bi-directional IEEE 1284-compliant Parallel and USB 2.0 ports.

- Literally print from anywhere in your office with IEEE 802.11b or Bluetooth Wireless LAN interfaces that allow laptops with wireless interface cards to make immediate ad-hoc connections to the Aficio AP600N

Remote Monitoring and Management Utilities

- With Web Image Monitor, embedded Web Admin tools, "E-mail alerts" are automatically sent to the administrator to notify and resolve maintenance and other issues, for instance if the printer is out of toner or off-line.

- And if you happen to be using HP Web JetAdmin to manage and monitor the printers on the network, there's no need to change. The HP Web JetAdmin Plug-In enables the AP600n to integrate seamlessly with Web JetAdmin.

Expand Your Functionality

- Re-Direct print jobs from the default to an alternate printer through the recovery printing feature of AmartNetmonitor, ensuring your documents are printed without delay.

Parallel Printing dramatically increases productivity by leveraging capacity of multiple networked Ricoh printers to create multiple sets of a single document; thus three networked Aficio AP600N printers have the virtual speed of 96 pages per minute.

Ricoh's DeskTopBinder utility can combine pages or complete documents created in different applications and print them as a single job.

Optional 4-bin Mailbox

Optional Duplex Unit

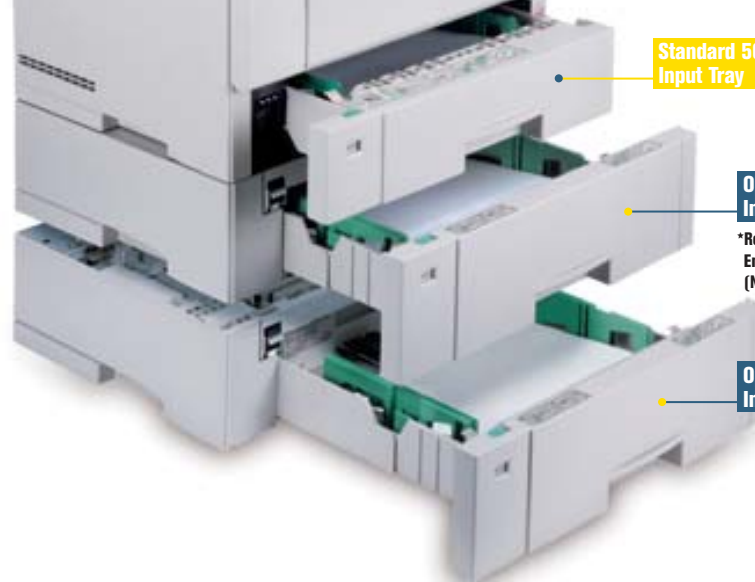Standard 250-sheet Output Tray

Standard 100-sheet Bypass Tray

Optional 1-bin Shift Sort Tray

Standard 500-sheet Input Tray

Optional 500-sheet Input Tray*

*Required for Optional Envelope Cassette (Not Shown)

Optional 500-sheet Input Tray

THE RICOH NETWORK PRINTERS

AP600N

General Specifications
Aficio AP600N - Part #: 400952

Configuration	Desktop
Print Technology	Electrophotographic laser, dual component toner
Print Speed (Letter)	32 ppm (1,200 x 1,200 dpi)
First Print Speed	6.5 seconds or less
Resolution	600/300 dpi (PCL 5e), 1,200/600 dpi (PCL 6, Adobe PostScript 3, Ricoh RPCS)
Maximum Duty Cycle	Up to 200,000 pages per month
Dimensions (W x D x H)	18.8" x 17.2" x 13.5" (478 x 410 x 343mm)
Weight	44 lbs. (20.0 kg)
Power Requirements	120V, 60Hz
Power Consumption	Printing: 610W or less; Maximum: 850W or less; Energy Saver: 5.5W or less
Warm-up Time	Less than 19 seconds

Paper Handling Specifications

Input Capacity	Standard Configuration: 500 sheets, plus Bypass Tray (100 sheets or 10 envelopes)
	Optional Paper Feed Unit: 500 sheets x 2
	Maximum Paper Input Capacity: 1,600 sheets/4 sources
	Optional Envelope Cassette: 60 envelopes
Output Capacity	250 sheets
Duplex Printing	Optional
Paper Size	Standard Tray: 7.25" x 10.5", 8.5" x 11", 8.5" X 14", 11" x 17", A4, A3
	Standard Bypass Tray: Width 3.5" to 12" (90 to 305mm); Length 5.8" to 17" (148 to 432mm)
Paper Weight	Standard Tray/Optional Paper Feed Unit: 16 – 28 lb. bond (60 – 105 g/m2)
	Standard Bypass Tray: 14 lb. bond – 90 lb. index (52 – 163 g/m2)
Paper Types	Plain paper, recycled, envelopes*, laser-quality qualified transparencies** and labels**
	*Through Bypass Tray or optional Envelope Cassette.
	**Through Bypass Tray.

Controller Specifications

CPU	TX4955 300 MHz
Printer Languages	PCL 5e/6 emulation, Adobe PostScript 3, Ricoh RPCS (Refined Printing Command Stream), and PDF
Fonts	PCL 5e/6: 35 Intellifonts, 10 TrueType, 1 bitmap
	Adobe PostScript 3: 136 Type 1 fonts
Memory	64MB; 320MB maximum
Hard Disk Drive	Optional
Print Drivers*	PCL: Windows 95/98/Me/NT 4.0/2000/XP/Server 2003
	Adobe PostScript 3: Windows 95/98/Me/NT 4.0/2000/XP/Server 2003, Mac OS (8.6.0 or later),
	Mac OS X (10.1.x or later)
	RPCS: Windows 95/98/Me/NT 4.0/2000/XP/Server 2003
Standard Interfaces	Bi-directional IEEE 1284-compliant Parallel, USB 1.1/2.0, 10/100 BaseTX
Optional Interfaces	IEEE 1394, IEEE 802.11b Wireless LAN **, Bluetooth Wireless
	* Cannot be configured with more than one interface option at a time.
	** Cannot be used in conjunction with 10/100BaseTX interface. Must be manually selected at the
	operator control panel.
Utilities	SmartNetMonitor; Web SmartNetMonitor; Web Image Monitor (Embedded to NIC); DeskTopBinder Lite;
	Plug-In to HP Web JetAdmin; Plug-In to HP OpenView, CA Unicenter and IBM Tivoli NetView; Printer
	Utility for Mac; and Font Manager 2000

Paper Handling Options

Paper Feed Unit Type 600*
(Part #: 402015)

Paper Size	8.5" x 11", 8.5" x 14", 11" x 17", A4, A3
Paper Weight	16 – 28 lb. bond (60 – 105 g/m2)
Paper Capacity	500 sheets

*AP600N can accommodate up to two Paper Feed Units.

Envelope Cassette Type 2600*
(Part #: 400608)

Paper Size	Com10, Monarch, C5, C6, DL
Paper Weight	19 – 24 lb. (72 – 90 g/m2)
Capacity	60 envelopes

*One optional Paper Feed Unit is required for the Envelope Cassette. High quality envelopes are recommended.

4-bin Mailbox CS380*
(Part #: 400602)

Paper Size	Sizes supported through Standard Tray
Paper Weight	16 – 28 lb. bond (60 – 105 g/m2)
Stack Capacity	50 sheets per bin

*Cannot be simultaneously installed with the 1-bin Shift Sort Tray.

1-bin Shift Sort Tray Type 2600*
(Part #: 400604)

Paper Size	Sizes supported through standard tray
Paper Weight	16 – 28 lb. bond (60 – 105 g/m2)
Stack Capacity	250 sheets

*Cannot be simultaneously installed with the 4-bin Mailbox.

Duplex Unit AD410
(Part #: 400606)

Paper Size	8.5" x 11", 8.5" x 13", 8.5" X 14", 11" x 17", A5, A4, A3
Paper Trays	All, including Bypass Tray
Paper Weight	17 – 28 lb. bond (64 – 105 g/m2)

Interface Options

IEEE 802.11b Wireless LAN Interface Type A*
(Part #: 402001)

Data Transmission Speed	1/2/5.5/11 Mbps

*Cannot be used in conjunction with 10/100 BaseTX Ethernet.

Bluetooth Interface Board Type 2045
(Part #: 411377)

Data Transmission Speed	1 Mbps

IEEE 1394 Interface Board Type 4510
(Part #: 400745)

Cables (Included)	2.0m 6-pin to 6-pin cable, 2.0m 6-pin to 4-pin cable
Hardware Specifications	6 pins; 2 ports available
Data Transmission Speed	400/200/100 Mbps
System Requirement	Windows 2000 Professional/Server with Service Pack 1
	Windows XP for IP over IEEE 1394 (TCP/IP Protocol)

Memory Options

Hard Disk Drive Type 2600*
(Part #: 400614)

*HDD is required for Locked Print (Secure Printing), Sample Print, Collation, Job Spooling and permanent font download.

64MB/128MB/256MB Memory*
(Part #: 001178MIU/001179MIU/001180MIU)

Hardware Specifications	144-pin DIMM SDRAM (PC133 compliant)

*Additional Memory Module is recommended to duplex print (two-sided), at the highest (1,200 dpi) resolution.

Supplies

Toner Cartridge Type 115 Black
(Part #: 400759)

Yield (Letter)	Approx. 20,000 pages (@ 5% coverage/8.5" x 11 Size)

Maintenance Kit Type 600
(Part #: 400955)

Contents	Includes Fusing Unit, Transfer Roller, Friction Pads and Paper Feed Rollers
Yield (Letter)	Approx. 90,000 pages (@ 5% coverage/8.5" x 11 Size)

Print speed may be affected by network, application or PC performance.

Specifications and external appearances are subject to change without notice.

Products may be shown with optional accessories.

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

RICOH®
Image Communication

AP600N

THE RICOH
printer
series