

CL1000N

THE RICOH AFICIO CL1000N

THE RICOH
color printer
series



Aficio®

RICOH®



THE RICOH AFICIO CL1000N NETWORK PRINTER

A high-speed black & white network printer with convenience color, at a highly affordable price.

Make COLOR Convenient

Wouldn't it be great to have the option of printing in bright, eye-catching color without running your budget in the red? Now you can have that and more with the RICOH® Aficio® CL1000N Black & White and Color printer.

It makes a lot of sense to output in black & white the majority of your print jobs. But, when you have a special project or proposal that needs to stand out, having the capability to print in crisp, accurate color can make a big difference. And, when you can get high-speed black & white printing and color output from the same affordable, easy-to-network printer, your business gets a clear competitive advantage with a minimal investment.

High-Speed Flexibility

At 31 prints per minute, the Aficio CL1000N has the monochrome printing speed you'd expect only in higher priced mid-range network printers. But, add in color at 8 ppm, a first printout time of less than 14 seconds for black & white and less than 20 seconds for color, and it's easy to see how the Aficio CL1000N is fast in becoming the flexible, high-speed network printer of choice for small- to mid-size businesses.

Hassle-Free Paper Handling

The Aficio CL1000N supports a variety of paper types and stocks including envelopes, transparencies, labels and thick covers up to 55lb. bond (210g/m²) right from the standard paper tray. Combine that with optional duplex printing at virtually the same speed of simplex printing, and you'll spend a lot less time and money outsourcing your important print jobs.

Keep Your Documents Moving

- Less than 14 seconds to first print and 31 ppm of monochrome prints.
- Less than 20 seconds to first print and 8 ppm of color prints.
- 250-page standard tray capacity, up to 780 sheets with an additional tray.
- Duplex productivity approximately 100% of simplex printing with optional duplex unit.
- Accepts thick, glossy, envelope, transparency and label stocks through the standard tray.

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Network Administration Made Easy

The Aficio CL1000N is equipped with Web Image Monitor to make it easy for you to get detailed information and to operate the printer remotely. With Ricoh SmartDeviceMonitor for Client, you can resend documents or reset the printer without ever leaving your desk. You'll also get instant e-mail alerts when toner is low or if a service call is required. And with Dynamic DNS, updating IP addresses and host names is completely automatic.

"A" is for Apple

Rendezvous support, Apple's version of Zero Configuration Networking, is a standard utility with the Aficio CL1000N. Rendezvous automatically recognizes and connects new devices to your IP network, and handles IP addressing, naming and service discovery. So if you're running Macs, get ready for grade A connectivity.

Advantage Features

- PDF Direct Print transmits PDF files in a compact format to reduce network traffic.
- Individual color toner cartridges let you replace only the color you need for cost effective printing.
- 56-bit SSL/TSL printing increases network security (optional).
- IEEE 1284 parallel, USB 2.0, and 10/100Base TX standard connectivity.

Built for the Wireless World

Easily accommodate your mobile workforce with IEEE 802.11b and Bluetooth wireless interface options. These wireless interfaces allow you to reconfigure your office space as needs dictate, not as wires permit. Both the printer and office cubicles can be moved to allocate space in the most efficient way.

Wireless Technology

High Speed Black & White

Convenience Color

Effortless Setup

Duplex Unit

250-Sheet
Standard Paper Tray

Optional legal-sized
tray will replace
standard paper tray

530-Sheet
Optional Tray



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Specifications

Part #402064

Configuration	Desktop
Technology	Laser-beam scanning, electro-photographic printing with mono-component toner development
Resolution	1200 x 600 dpi, 600 x 600 dpi (default)
Printing Speed	31 ppm (black & white), 8 ppm (full color); Thick Papers/Transparencies: 2.6 ppm black & white/full color; Duplex Speed: 31 ipm (black & white), 8 ipm (full color)
First Print Speed	Black and White- Less than 14 seconds Color- Less than 20 seconds
Dimensions (W x D x H)	18.9" x 16.5" x 15.2" (480mm x 420mm x 385mm)
Weight	61 lbs. (31.5kg)
Input Capacity	Standard Tray: 250 sheets Optional Paper Tray: 530 sheets Optional Legal-sized Tray: 250 sheets (*Replaces the standard tray) Up to 780 sheet total capacity
Output Capacity	250 sheets face down
Paper Sizes	Standard Tray: 8.5" x 11", 7.25" x 10.5", 5.8" x 8.5"; A4, A5, Envelope #10 Optional Paper Tray: 8.5" x 11", A4 Optional Legal-sized Tray: 8.5" x 11", 8.5" x 13", 8.5" x 14", 5.8" x 8.5"; A4, A5 Length: 8.3" to 11.7" (210-297mm) Width: 4.1" to 8.5" (210-297mm) (Applies to both Standard and Optional Trays)
Paper Weight	Standard Tray: 16 to 55 lb. Bond/110 lb. Index (60 to 210g/m ²) Optional Paper Tray: 16 to 28 lb. Bond (60 to 105g/m ²) Optional Legal-sized Tray: 16 to 55 lb. Bond/110 lb. Index (60 to 210g/m ²)
Paper Types	Thick paper (up to 55 lb. bond/110 lb. index, 210g/m ²), Plain paper, laser-printer qualified transparencies, envelopes, glossy, label
Duplex Printing	Optional
Warm-Up Time	Less than 45 seconds
Power Consumption	1300W or less; Energy Saver Mode: 15W or less
Safety Regulations	UL 1950/cUL, CSA No. 950, FDA-21, CFR-J, FCC Class B
Accessories	
Paper Feed Unit Type 1000	Part # 402067
Paper Size:	Trays: 8.5" x 11"; A4
Paper Weights:	Trays: 16 to 28 lb. Bond (60 to 105g/m ²)
Capacity:	530 sheets
Legal-sized Tray Type 1000	Part # 402069
Paper Size:	Trays: 8.5" x 11", 8.5" x 14", 5.8" x 8.5"; A4, A5, Envelope #10
Paper Weights:	Trays: 16 to 55 lb. Bond/110 lb. index (60 to 210g/m ²)
Capacity:	250 sheets
Note: Legal-sized tray is exchanged with standard tray	
Duplex Unit AD460	Part # 402068
Paper Size:	8.5" x 11", 8.5" x 13", 7.25" x 10.5", 5.8" x 8.5"; A4, A5
Paper Weights:	16 - 28 lb. Bond (60 to 105g/m ²)

Controller Specifications

CPU	VR5500 300 MHz
Printer Languages	Adobe PostScript 3, PCL 5c emulation, Ricoh RPCS
Fonts	For Adobe PostScript 3: 136 Type 1 fonts For PCL 5c: 35 Intellifonts; 10 TrueType fonts; 1 bitmap font
Memory	128MB RAM; up to 384MB
Hard Disk Drive	10GB (Optional)
Interface	IEEE 1284 interface (Type C) USB 2.0 Serial Port 10/100BaseTX Ethernet
Optional Interfaces	IEEE 802.11b wireless LAN interface Bluetooth interface
Network Protocols	Simultaneous auto-sensing and auto-switching protocols: TCP/IP, Novell IPX/SPX, AppleTalk, SMB/NetBEUI
Driver	RPCS: Windows 95/98/Me/NT 4.0/2000/ XP/Server 2003 PCL 5c: Windows 95/98/Me/NT 4.0/2000/XP/Server 2003 PS: Windows 95/98/Me/NT 4.0/2000/XP/2003, Mac OS 8.6 or later, OS X (v. 10.1, 10.2, 10.3), UNIX (Solaris, HP-UX, Red Hat Linux, SCO, IBM AIX)
Print Utilities	Web Image Monitor; SmartDeviceMonitor; Web SmartDeviceMonitor; DeskTopBinder Lite; Printer Utility for Mac; Agfa Font Manager 2000

Controller Options

10 GB Hard Disk Drive	Part # 001276MIU
HDD is necessary for Locked Print (Secure Printing), Sample Print, job spooling, and permanent font downloading. 192 MB of total memory or an HDD is necessary for electronic collation or RIP Once and Print Many capabilities.	
RAM:	144-pin DIMM SD-RAM (PC133 compliant), Maximum of 384MB total
64MB RAM	Part # 001178MIU
128MB RAM	Part # 001179MIU
256MB RAM	Part # 001180MIU
IEEE 802.11b Wireless LAN Interface Type D*	Part # 411700
Data Transmission Speed:	1/2/5.5/11 Mbps
Note: Cannot be used simultaneously with 10/100 BaseTX. Must be manually selected at printer control panel.	
*Only one additional interface can be installed	
Bluetooth Interface Board Type 2238*	Part # 411603
Range:	Approximately 10 meters (32 feet)
Supported OS:	Same as print driver
Transmission Specification:	Bluetooth v1.1
*Only one additional interface can be installed	
Network Data Protection Unit- option Type A	Part # 402102
DES encryption divides data sent from PC over network lines into blocks of scrambled bits. The CL1000N will unscramble the data stream and reassemble for proper printing.	
IS100e Network Scanner (Optional)	Part # 402026
Multi-function upgrade, Copy/Scan/Email scan.	
Supplies (Yields are based upon 5% coverage on letter size/A4 page)	
Toner Type 140 Black	Approximately 9,800 pages Part # 402070
Toner Type 140 Cyan	Approximately 6,500 page Part # 402071
Toner Type 140 Magenta	Approximately 6,500 page Part # 402072
Toner Type 140 Yellow	Approximately 6,500 page Part # 402073
Photoconductor Unit Type 140	Part # 402074
Waste Toner Bottle Type 140	Part # 402075



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Ricoh Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.



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Image Communication

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