

CL2000/CL2000N

THE RICOH AFICIO
CL2000/CL2000N

THE RICOH

color printer series



Aficio®

RICOH®



THE RICOH AFICIO CL2000/CL2000N COLOR LASER PRINTERS

High-speed and high-efficiency
in an amazingly affordable,
compact printer.

Get the Power of Choice: COLOR or Black & White

Deciding whether you want color or black & white documents should be as simple as selecting an icon on your own computer. The RICOH® Aficio® CL2000/CL2000N Color Laser Printers let you do just that—and much more. They both offer high-speed, four-color and black & white prints from the same low-cost, compact unit. It's a choice so powerful it could change the way you present your work.

And your choices begin, even before you click the print button. The Aficio CL2000 is a standalone unit designed for individuals who demand high-volume and high-efficiency. The Aficio CL2000N provides advanced network capabilities to make it an excellent workgroup printer.

Meeting the Demands of Today's Business

Global competition has forced businesses everywhere to become more cost-conscious and productivity-focused than ever before. That's why everyone in your workgroup will appreciate the high-quality, rapid output of the Aficio CL2000/CL2000N:

- Single-pass, 1200 x 1200 dpi color laser technology produces crisp, clear business graphics.
- 16.9 prints per minute full color and black & white, plus the shortest possible paper path for superior speed.
- Induction heating technology reduces first print out time to less than 15.5 seconds (among the shortest in their class).

Quality and Flexibility in One

When it comes to evaluating printers, quality is key. But flexibility is also important. That's why the Aficio CL2000/CL2000N were designed to produce high quality business documents on multiple paper types, including plain, thick and glossy stocks. Labels, transparencies and envelopes also feed and print with ease. It's the kind of versatility that not only reduces costly outsourcing fees, but also allows you to print what you want exactly when you want it.

Fast Color and Black & White



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Plug and Print

You don't have to be a network guru to put the Aficio CL2000N to work in your office. Optional IEEE 802.11b and Bluetooth are also available, which enables you to reconfigure your office space as needs dictate, not as wires permit. In addition, with its compact footprint, the Aficio is a perfect fit.

The convenience continues long after network setup with Ricoh Web SmartDeviceMonitor and Ricoh SmartDeviceMonitor, which allow you to check printer status right from your desktop.

- An optional IEEE 1394 boosts transfer speed to 400 Mbps, while saving network bandwidth.
- Wireless capability (optional IEEE 802.11b or Bluetooth) eliminates the need to wire your office.

Proven Performance at Reduced Cost

Companies everywhere are striving to cut costs and boost output all over their operations. The Aficio CL2000/CL2000N were designed and built to help you do just that. They're engineered to maximize resources, minimize consumption of materials and optimize productivity.

- Automatic color selection accurately differentiates between color and black & white, so even mixed documents are output at the lowest possible cost.
- Power consumption is minimized because of extremely rapid warm-up and cool down speeds.
- Duplex option automatically cuts paper consumption in half—without altering the footprint.
- Virtually limitless paper supply reduces downtime to refill paper trays.

The Printer for One or For All

Whether you choose the Aficio CL2000 for individual use, or the CL2000N for busy workgroups, you'll get an unbeatable combination of high-speed, high-quality color and black & white in one amazingly compact, affordable unit. Add in flexible paper handling and seamless networking, and it's easy to see how the Aficio CL2000 and CL2000N are giving businesses everywhere the power of choice.



CL2000/CL2000N

Specifications

CL2000 Part #420112/CL2000N Part #420116

Configuration	Desktop
Technology	Laser-beam scanning, electro-photographic printing with mono-component toner development
Resolution	1,200 x 1,200 dpi, 1,200 x 600 dpi, 600 x 600 dpi (default)
Printing Speed	16.9 ppm (black & white), 16.9 ppm (full color) @ 600 x 600 or 1,200 x 600 dpi; 8 ppm (color or black & white) @ 1,200 x 1,200 dpi, Thick Papers/Transparencies: 8 ppm (black & white/full color) Duplex Speed: 16.9 ipm (black & white), 16.9 ipm (full color)
First Print Speed	15.5 seconds
Dimensions (W x D x H)	16.5" x 21.1" x 15.6" (419mm x 536mm x 395mm)
Weight	68.3 lbs. (31kg)
Input Capacity	Standard Tray: 530 sheets Bypass Tray: 100 sheets Up to 1,690 sheet total capacity
Output Capacity	250 sheets
Paper Sizes	Trays: 8.5" x 11"; 8.5" x 14"; 7.25" x 10.5"; A4; B5 Bypass Tray: 3.6" x 5.8" to 8.5" x 14" (90 x 148mm to 216 x 356mm) Envelope: #10, Monarch
Paper Weight	Trays: 16 to 28 lb. Bond (60 to 105g/m ²) Bypass tray: 16 to 44 lb. Bond/90 lb. Index (60 to 165g/m ²)
Paper Types	Plain paper, laser-printer qualified transparencies, card stock, labels, envelopes
Duplex Printing	Optional
Warm-Up Time	Less than 30 seconds
Power Consumption	1,300W or less Energy Saver Mode: 10W or less
Safety Regulations	UL1950, cUL, FDA21CFR, FCC ClassB

Controller Specifications

CPU	RM7065 350 MHz
Printer Languages	Adobe PostScript 3, PCL 5c, Ricoh RPCS
Fonts	For Adobe PostScript 3: 136 Type 1 fonts For PCL 5c: 35 Intellifonts; 10 TrueType fonts; 1 bitmap font
Memory	64MB RAM; up to 256MB
Hard Disk Drive	10GB (Optional)
Interface	IEEE 1284 Bi-directional Parallel USB 2.0 Serial 10/100 BaseTX Ethernet (CL2000-Optional)
Optional Interfaces	IEEE 1394 IEEE 802.11b wireless LAN interface Bluetooth interface 10/100 Base TX Ethernet (Optional for 2000)
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/Server 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	SmartDeviceMonitor; Web SmartDeviceMonitor; DeskTopBinder Lite; Printer Utility for Mac; Agfa Font Manager 2000

Controller Options

10GB Hard Disk Drive	HDD is necessary for Locked Print (Secure Printing), Sample Print, Job spooling, and permanent font downloading. An HDD is recommended for electronic collation or RIP Once and Print Many capability.	Part# 001404MIU
Memory Options:	144-pin DIMM SD-RAM (PC133 compliant); Maximum of 256MB total	
	64MB RAM	Part # 001178MIU
	128MB RAM	Part # 001179MIU
	256MB RAM	Part # 001180MIU

Interface Options

*Only one optional interface can be installed, requiring the removal of the USB interface.

IEEE 1394 Interface Board Type 4510		Part # 400745
Included Cables:	2.0m 6pin to 6pin cable, 2.0m 6pin to 4pin cable	
Hardware Specifications:	6 pins; 2 ports available	
Data Transmission Speed:	100/200/400 Mbps	
System Requirement:	Windows 2000 Professional/Server with Server Pack 1 (SCSI) Windows Me/XP/Server 2003 for IP over IEEE 1394 (TCP/IP Protocol)	

IEEE 802.11b Wireless LAN Interface Type A		Part # 402001
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.	

Bluetooth Interface Board Type B		Part # 402063
Range:	Approximately 32 feet/10 meters	
Supported OS:	Windows 95/98/Me/2000/XP/Server 2003	
Transmission Specification:	Bluetooth v1.1	

100 BaseTX Ethernet Board Type 3000 (CL2000 only)		Part # 400886
Use Account Enhance Unit Type B		Part # 400570
	Printing usage can be monitored and users accessing color printing can be restricted using SmartDeviceMonitor for Admin.	

Paper Handling Options

Paper Feed Unit Type 3000		Part # 400836
Paper Size:	Trays: 8.5" x 11"; 8.5" x 14"; A4; B5	
Paper Weights:	Trays: 16 to 28 lb. Bond (60 to 105g/m ²)	
Capacity:	530 sheets	
	Note: The CL2000/2000N can be configured with up to two additional paper trays.	
Duplex Unit AD440		Part # 400835
Paper Size:	Trays: 8.5" x 11"; 8.5" x 14"; A4; B5	
Paper Weights:	16 - 28 lb. Bond (60 to 105g/m ²)	

IS100e Network Scanner (Optional)

Multi-function upgrade, Copy/Scan/Email scan.	Part # 402026
Cabinet is available.	Part # 402030

Supplies (Yields are based upon 5% coverage on letter size/A4 page)

Toner Type 125 Black	Approximately 5,500 pages	Part # 400963
Toner Type 125 Cyan	Approximately 5,500 pages	Part # 400969
Toner Type 125 Magenta	Approximately 5,500 pages	Part # 400975
Toner Type 125 Yellow	Approximately 5,500 pages	Part # 400981
Photoconductor Unit Type 125 Black		Part # 400842
Photoconductor Unit Type 125 Color		Part # 400843
Waste Toner Bottle Type 155		Part # 420131
Fusing Unit Type 155		Part # 420132
Intermediate Transfer Unit Type 125		Part # 400846



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Image Communication

Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006
Phone: (973) 882-2000 • Website: <http://www.ricoh-usa.com>