

InfoPrint Color 1834



Workgroup

Powerful color printing performance at the right price

Powerful and affordable color and monochrome printing

A powerful 600 MHz processor and 256 MB of memory produce first-page-out-times as fast as 9.5 seconds,² giving small and medium workgroups the ability to produce high quality output. The InfoPrint® Color 1834 includes tools to help you control color print access, produce consistent print quality and help keep confidential jobs secure. Add wireless networking support or an additional paper tray when you're ready to boost the performance of your investment. A duplex model, high-yield use and return cartridges and an intuitive operator panel are all designed to improve user productivity while reducing the number of user interventions.

Manage color and reduce cost with the InfoPrint Color 1834

Print color documents in-house, quickly and affordably. The InfoPrint Color 1834 provides superb color quality controls. With Color Care technology, you can limit end users' ability to print in color by assigning color print permissions, installing monochrome-only drivers or setting times during the day when the printer operates in a black-only mode. You can also save money on an individual job basis by using toner saver settings, the color saver feature or the proof-then-print capability to reduce waste.

HIGHLIGHTS¹

- Print color and monochrome up to 30 pages per minute, with a first-page-out-time as fast as 9.5 seconds²
- Make an impact with 4800 color quality⁴ resolution and toner specifically designed for consistent high quality output
- Manage the costs of color printing with Color Care Technology
- Please users with the easy-to-use operator panel
- Maintain highly secure network transmissions and print job confidentiality at the printer
- Recyclable high-yield cartridges
- Environmentally conscious printer design

RICOH
InfoPrint Solutions

Powerful color printing performance at the right price

Low device cost, outstanding versatility

Decrease costs and energy consumption by removing unnecessary expensive devices such as inkjet printers. Many businesses discover that the purchase of personal inkjet printers and supplies for those printers may not be visible in the budgeting process. The wireless options make access easier by eliminating the need for costly networking equipment such as cabling.

For business class needs requiring function and quality

The InfoPrint Color 1834 includes MarkVision Professional network management software to help simplify set-up and use for popular operating systems. The USB direct interface allows users to print supported files (PDF, GIF, JPEG and many more) directly using a USB flash memory device. Improve serviceability by using the flash memory device to load firmware. Order the duplex model to boost the productivity of your growing business even further.

Reduce user intervention

Add an optional 550- or 2,000-sheet input drawer for an input capacity of up to 3,750 sheets.⁵ End users will appreciate reloading paper less often. The printer also supports a wide range of sizes, types, and weights. And, with automatic two-sided printing, you can print more while conserving resources.

Enhance security with user access controls

Integrated security features help provide peace of mind. Confidential print jobs may only be retrieved with the use of a four-digit PIN. Configurations even allow the ability to lock out and delete incorrect PINs and set the expiration time for confidentially held jobs. Multiple types of security, such as HTTPS and IPSec, help protect information during transmission across the network.

Sustainability is important

The InfoPrint Color 1834 was developed with your environment in mind. The low-cost duplex model can help cut your paper usage up to half when jobs default to two-sided printing. The rapid warm-up fuser and low engine idle time reduce heat and energy consumption. And with less heat, the use of the cooling fan is minimized. Last, but not least, the quiet mode reduces noise pollution in your office.

Reduce, return and recycle

InfoPrint Solutions Company recognizes that environmental conservation is part of our calling as a global citizen. Reducing waste is crucial to minimizing our impact on our environment. Offering high-yield toner cartridges will extend cartridge life span and decrease overall cartridges manufactured with less tonnage in the landfill.

InfoPrint is committed to preserving natural resources through the proper handling of used printer supplies. Once a supply has reached its end of life, we encourage you to partner with us by participating in our product return programs. We are also determined to recycle supplies that cannot be reused. If a returned supply can't be reconditioned because it does not meet our high standards for quality and performance, it is then broken down into raw materials. More than 90% of this resultant material is recycled into new products.

Engage the printing experts

With InfoPrint Solutions Company, you can receive support when you need it from experts with comprehensive knowledge of printers, software and supplies. Same-day and next-day service offerings are available for InfoPrint Solutions Company printers in the U.S.

InfoPrint Color 1834 at a glance¹

Printer specifications

Models	Network (n) Duplex Network (dn) Duplex Wireless (dw)
Maximum speed ²	Up to 30 ppm color and monochrome (letter), 28 ppm color and monochrome (A4) Up to 20 ppm color and monochrome (letter), 19 ppm color and monochrome (A4) (Duplex)
First page out ²	As fast as 9.5 seconds color and monochrome
Technology/processor	600 MHz
Maximum monthly usage ³	Up to 85,000 pages
Print resolution ⁴	4800 CQ 1200 dpi (PS and PCL only and reduced print speed)
Memory (std/max)	256 MB/1280 MB
Hard drive	Optional
USB direct interface port	Print directly to the printer using a USB flash memory device

Paper handling⁵

Input capacity (std/max)	550 + 100/3750
Standard input	550-sheet drawer, 100-sheet multipurpose feeder
Optional input	Maximum of five total input sources Maximum of three additional 550-sheet drawers Maximum of one additional 2,000-sheet drawer
Output capacity (std/max)	300/300
Standard output	300-sheet standard bin
Optional output	N/A

For more information

Contact your InfoPrint Solutions Company representative or InfoPrint Solutions Partner or visit: infoprint.com/workgroup

InfoPrint Color 1834 at a glance¹

Standard datastreams	Adobe® PostScript® 3 emulation, PCL 5c and PCL 6 (XL), PDF 1.6, PPDS, HTML, XPS, Direct Image for some formats
Application solutions	Flash memory for forms and watermarks. Bar code card and IPDS™ are available
Memory slots	One open memory slot, one open flash memory slot, one open firmware slot
Supported environments⁶	Microsoft® Windows Server® 2008, Server 2008 x64, Server 2003, Server 2003 x64, Windows Vista®, XP, XP x64, 2000, Terminal Services; Citrix MetaFrame; UNIX®; Linux®; IBM AIX® Colon Files; Mac OS; Novell; Other: virtually any platform supporting TCP/IP.
Standard output	300-sheet standard bin
Printer attachments	
Standard	Ethernet 10Base/100Base TX, Rear USB 2.0 High Speed device port. 802.11n wireless (dw model only) Front panel USB 2.0 Full Speed host port USB interface is PictBridge certified
Optional internal	802.11b/g/n wireless Gigabit Ethernet 1000BaseTx Serial interface card Parallel interface card
Optional external	Ethernet 10Base/100BaseTX, Wireless 802.11g, Ethernet Gigabit 1000BaseTX (all require printer USB port) Parallel
Printer media	
Sizes (Primary Tray)	A4, A5, ISO B5, JIS B5, letter, legal, executive, folio, cardstock, labels and some envelopes. Universal size: 5.82" x 8.26" (148 x 210 mm) to 8-1/2" x 14" (215.9 x 355.6 mm)
Sizes (MPF)	A4, A5, A6, ISO B5, JIS B5, letter, legal, executive, 3x5, 4x5, statement, folio, cardstock, labels and some envelopes. Universal size: 3" x 4-7/8" (76.2 x 123.8 mm) to 8-1/2" x 36" (215.9 x 914.4 mm)
Types	Plain paper, light paper, heavy paper, cardstock, transparencies, paper labels (designed for laser printers, occasional use only), integrated forms, and envelopes
Weights (Primary Tray)	60 to 176 g/m ² grain long (16 to 47 lb bond) Duplex: 16 - 32 pound (60 - 120.5) grain long bond
Weights (MPF)	60 to 176 g/m ² grain long (16 to 47 lb bond) Duplex: 16 - 32 pound (60 - 120.5) grain long bond

InfoPrint Color 1834 at a glance¹

Physical characteristics

Width	17.1" (435 mm)
Depth	15.0" (381 mm)
Height	17.7" (450 mm)
Weight	56.7 lbs (25.7 kg)

Supply and maintenance items

Toner yield ²	Starter: 4K color, 4K black After: 6K color, 8K black
Photoconductor Unit	20,000
Waste Toner Container	25,000
ITU Maintenance Kit <i>Contents: transfer belt assembly</i>	120,000
Fuser	100,000
Cost saving/environment features	ENERGY STAR® qualified (duplex models only) Quiet mode (1/2 speed operation) Eco mode: power saver set to one minute; fuser standby off; operator panel back light off; reduced power supply energy consumption. InfoPrint® Solutions Company return program print cartridges; high-yield print cartridges; toner darkness settings offer toner savings. ⁷

Warranty

North America	One year, Advanced Exchange (upgrades may be available). For more information, please visit our support and maintenance section.
Europe, Middle East and Africa	One year, InfoPrint Courier Exchange (upgrades may be available). Not available in all locations. Contact your local InfoPrint Solutions Company Representative for local availability

What's in the box

InfoPrint Color 1834
4k ship with toner cartridges (Color and Mono)
Ship with photoconductor units installed
Hard Copy Setup Sheet
Driver and Publications CD
Power Cord

For more information

Contact your InfoPrint Solutions Company representative or InfoPrint Solutions Partner or visit: infoprint.com/workgroup

1834 printer supplies at a glance

Part number	Product description	Yield (Pages)*
39V2438	Use and Return Program Toner Cartridge, Cyan	6,000
39V2439	Use and Return Program Toner Cartridge, Magenta	6,000
39V2440	Use and Return Program Toner Cartridge, Yellow	6,000
39V2441	Use and Return Program Toner Cartridge, Black	8,000
39V2442	Toner Cartridge, Cyan	6,000
39V2443	Toner Cartridge, Magenta	6,000
39V2444	Toner Cartridge, Yellow	6,000
39V2445	Toner Cartridge, Black	8,000
39V2695	Photoconductor Unit	20,000
39V2699	Waste Toner Container	25,000
39V3411	ITU Maintenance Kit <i>Contents: transfer belt assembly</i>	120,000
39V3412	Fuser (LV: 115 V)	100,000
39V3413	Fuser (HV: 230 V)	100,000

ENDNOTES

- * These numbers reflect an approximate average yield that has been established for each supply item indicated based on 5% coverage. These yields are not a guarantee of minimum life and are not covered under warranty, but are provided to assist in supplies planning. Actual usage should be used to establish the life of the supply product in each end user's specific application. Many factors, such as print coverage per page, paper type and size, model type and environmental conditions, can affect supply life. Declared value in accordance with ISO/IEC 19752 (mono) or ISO/IEC 19798 (color).
 - ** Maintenance Kits and Fusers are customer installable
 - ¹ This information is subject to change without notice. 3/31/08.
 - ² Exact speed varies depending on document complexity, system configuration, software application, and driver and printer state.
 - ³ InfoPrint Solutions Company does not recommend printing this monthly maximum on a consistent basis.
 - ⁴ The Image Quality (IQ) enhancement, whether 1200 or 2400, is a special print mode designed to vary the intensity of each individual printed dot by manipulating its size to produce the appearance of greater print resolution within the limitation of a set number of dots per inch (dpi).
 - ⁵ See user documentation for specific media types, weights and sizes that are supported.
 - ⁶ Not all versions are supported. Contact your sales representative for a detailed list of supported versions.
 - ⁷ These numbers reflect an approximate average yield that has been established for each supply item indicated based on 5% coverage. These yields are not a guarantee of minimum life and are not covered under warranty, but are provided to assist in supplies planning. Actual usage should be used to establish the life of the supply product in each end user's specific application. Many factors, such as print coverage per page, paper type and size, model type and environmental conditions can affect supply life. Declared value in accordance with ISO/IEC 19752 (mono) or ISO/IEC 19798 (color).
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