INFOPRINT COLOR 1824

HIGHLIGHTS

- Integrated duplex and network connectivity standard

- 250-sheet input standard, with optional 650-sheet duo drawer

- Quiet, low acoustic noise level

- Direct USB drive printing with PictBridge

- Recyclable extra-high-yield cartridges

- Environmentally conscious printer design

Many companies have turned from centralized, in-house repro centers to distributed, network-based printing to support departments and workgroups. This trend has proved successful because applications are closer to the users who can turn around jobs much more quickly, streamlining overall workflow. Distributed, network printing for typical short-run general office projects is generally more economical than repro centers or individual inkjet or desktop printers.

Printers on a network can be monitored and managed much more efficiently through management software, so you may be able to reduce help-desk costs. Networked printers pave the way for device and supply consolidation, which can provide dramatic cost savings while you boost functionality through multi-function printers. And, advancements in security at both the datastream and printer levels contribute in multiple ways to protect data and control access and use of both monochrome and color printers.

The InfoPrint Color 1824 single function printer is ideal for executives, workgroups of up to six people, and small offices with color duplex printing needs. A network, duplex, wireless model is also available. This compact, quiet printer offers high perform-ance and print quality to help improve com-munications, save money and save time.

FAST, WITH GREAT BUSINESS FEATURES

A powerful 500 MHz processor and 128 MB of memory produce first-page-out-times as fast as 11 seconds[1] for mono-chrome and 12 seconds[1] for color, giving individuals and small workgroups the ability to produce high quality output whenever it is needed.

The InfoPrint® Color 1824 features 250-sheet input, network and duplex capabilities, low acoustic noise level, a compact design with a height of only 11.5" (282 mm), and an optional duo drawer for an additional 650 sheets of paper. The duplex model, extra-high-yield use and return cartridges, and an intuitive operator panel are all designed to improve user productivity while reducing the num-ber of user interventions.

COMPACT DESIGN, INTUITIVE AND EASY TO USE

Great print quality won't mean much if the printer is hard to use. The new design ele-ments of the InfoPrint Color 1824 include an easy to read, backlit, two-line LCD oper-ator panel. This operator panel can be tilted for easy viewing from a standing or seated position. Intuitive menu titles and the ability to scroll through messages help even the most inexperienced user feel comfortable. At a glance, the dual color green/red job light displays the status of the printer. Walk up to the printer and cancel a job quickly with the button on the front panel.

CRISP LASER TEXT AND GRAPHICS

When professional print quality is impor-tant, choose the InfoPrint Color 1824. From personal work, short reports, letters, and spreadsheets to more color-intensive customer-facing documents, you can depend on receiving great results. Easy access to advanced print quality features like manual color correction, color balance, contrast, brightness, saturation, and ICC profile matching helps provide accurate col-ors, crisp detail and smooth gradients.

SUSTAINABILITY IS IMPORTANT

The InfoPrint Color 1824 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 printer's small size and low weight help reduce shipping and packaging. 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 and extra-high-yield toner cartridges will extend cartridge life span and decrease overall car-tridges 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.

INFOPRINT COLOR 1824 AT A GLANCE

Maximum speed[1]	Up to 25 ppm color and monochrome (letter), 23 ppm color and monochrome (A4)
First page out[1]	As fast as 11 seconds for monochrome and 12 seconds for color
Technology/processor	500 MHz
Maximum monthly usage[2]	Up to 55,000 pages
Print resolution[3]	4800 CQ 1200 dpi (PS and PCL only and reduced print speed)
Models	duplex network (dn) duplex network wireless (dw)
Memory (std/max)	128 MB/640 MB
Hard Drive	N/A
Paper handling	
Duplex	Standard
Input capacity (std/max)	251/901
Standard input	250-sheet drawer, single-sheet multipurpose feeder
Optional input	650-sheet duo drawer (550 drawer + 100 MPF)
Output capacity (std/max)	100/100
Standard output	100 sheets
Optional output	N/A
Standard datastreams	Host based, PostScript 3 emulation, PCL 6, PDF 1.6, PPDS migration tool
Application solutions	SAP support with device types, Flash memory for forms and watermarks. Bar code card and IPDS™ are not available.
Supported environments[4]	Microsoft® Windows® Server 2008, Server 2008 x64, Server 2003, Server 2003 x64, Vista, XP, XP x64, 2000, Me, 98, 95, NT® 4, Terminal Services; Citrix MetaFrame; UNIX®; Linux®; IBM AIX® Colon Files; Mac OS; Novell; Other: virtually any platform supporting TCP/IP.
Printer attachments	
Standard	Ethernet 10Base/100Base TX, Rear USB 2.0 High Speed device port, Front panel USB 2.0 Full Speed host port, USB interface is PictBridge certified
Optional internal	802.11b/g/n wireless (Standard on wireless models).
Optional external	Ethernet 10Base/100BaseTX, Wireless 802.11g, Ethernet 1000BaseTX (all require printer USB port)

INFOPRINT COLOR 1824 AT A GLANCE

Printer media[5]

Sizes	A4, A5, JIS B5, letter, legal, executive, folio, some envelopes (Note: Some of above papers can not be used in Duplex)
Types	Plain paper, light paper, heavy paper, cardstock , transparencies, paper labels (designed for laser printers, occasional use only), integrated forms, and envelopes
Weights	Plain Paper: 20 to 23.8 lb. bond (75 to 89.9 g/m^2) bond (all input sources) Weights for light paper, heavy paper, cardstock , transparencies, labels, integrated forms, and envelopes are available from your sales rep.

Physical characteristics

Width	16.7" (424 mm)
Depth	15.7" (400 mm)
Height	11.5" (292 mm)
Weight	46.2 lbs (21 kg)

Toner yield[6]

Starter: 2,500 black, 2,000 color
Aftermarket: 6,000 black, 4,000 color

Cost saving/environment features

ENERGY STAR® qualified
Quiet mode (reduced speed 12.5 ppm letter, 11.7 ppm A4)
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; extra high-yield print cartridges; toner darkness settings offer toner savings.[6]

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.

INFOPRINT COLOR 1824 PRINTER SUPPLIES AT A GLANCE		
Part number	**Description**	**Yield[6]**
	Print Cartridges (All customer install/purchase)	
39V2430	Return Program Extra High Yield Toner Cartridge, Black	6,000
39V2431	Return Program Extra High Yield Toner Cartridge, Cyan	4,000
39V2432	Return Program Extra High Yield Toner Cartridge, Magenta	4,000
39V2433	Return Program Extra High Yield Toner Cartridge, Yellow	4,000
39V2434	Extra High Yield Toner Cartridge, Black	6,000
39V2435	Extra High Yield Toner Cartridge, Cyan	4,000
39V2436	Extra High Yield Toner Cartridge, Magenta	4,000
39V2437	Extra High Yield Toner Cartridge, Yellow	4,000
	Routine Maintenance	
39V2773	Waste toner container	18,000 color, 36,000 mono
39V3352	Black & Color Imaging Kit	30,000
39V3353	Black Imaging Kit	30,000
39V3354	Photoconductor	30,000
39V3355	Black Developer	30,000
39V3356	Cyan Developer	30,000
39V3357	Magenta Developer	30,000
39V3358	Yellow Developer	30,000
	Ship with Equipment Toner Cartridge, Black	2,500
	Ship with Equipment Toner Cartridge, Cyan	2,000
	Ship with Equipment Toner Cartridge, Magenta	2,000
	Ship with Equipment Toner Cartridge, Yellow	2,000

RICOH | IBM

InfoPrint Solutions Company

[1] Exact speed varies depending on document complexity, system configuration, software application, driver and printer state.

[2] InfoPrint Solutions Company does not recommend printing this monthly maximum on a consistent basis.

[3] The Color Quality (CQ) enhancement, whether 1200, 2400, or 4800 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).

[4] Not all versions are supported. Contact your sales representative for a detailed list of supported versions.

[5] See user documentation for specific media types, weights, and sizes that are supported.

[6] 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 may vary and 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 IS0/IEC 19798.