

INFOPRINT COLOUR 1634 EXPRESS

HIGHLIGHTS

- A powerful 625 MHz processor and 256 MB of memory (on the duplex model) produce first-page-out-times as fast as 10.5 seconds¹ for monochrome and 11 seconds¹ for colour
- Colour Care Technology is designed to help you manage the costs of colour printing
- The easy-to-use operator panel displays 'show me' graphics and includes a USB direct printing port for walk-up printer access
- Make an impact with 4800 colour quality² resolution and toner specifically designed for consistent high quality output
- Security features to help maintain highly secure network transmissions and print job confidentiality at the printer
- Improve efficiency with high-yield toner cartridges.



POWERFUL, AFFORDABLE COLOUR AND MONOCHROME PRINTING FROM A SINGLE DEVICE

A powerful 625 MHz processor and 256 MB of memory produce first-page-out-times as fast as 10.5 seconds¹ for monochrome and 11 seconds¹ for colour, giving small and medium workgroups the ability to produce high quality output whenever it is needed.

The InfoPrint Colour 1634 Express includes tools to help you control colour 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 COLOUR TO HELP CONTROL USE AND REDUCE COST

Colour is an important business tool that can help you communicate effectively, and the InfoPrint Colour 1634 Express provides superb colour quality controls. With Colour Care technology, you can limit end users' ability to print in colour by assigning colour 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 colour saver feature or the proof-then-print capability to reduce waste.

LOW DEVICE COST, HIGH END-USER PRODUCTIVITY

Many businesses discover that the purchase of personal inkjet printers and supplies for those printers may not be visible in the budgeting process. As a result, you may have several of these high-cost devices that may not provide the speed or function that is required by today's small and medium workgroups.

BUILT FOR BUSINESS

The InfoPrint Colour 1634 Express includes MarkVision Professional network management software to help simplify set up and use for popular operating systems. The USB direct interface, which is located on the operator panel, allows users to print supported files (PDF, GIF, JPEG and many more) directly to the printer using a USB

flash memory device. For workers on the go, this feature can help save time and enhance mobile productivity. Order the duplex model to boost the productivity of your on demand business even further.

IMPRESSIVE PRINT QUALITY

Automatic printer calibration helps provide superior print quality and consistent colour output from the InfoPrint Colour 1634 Express. InfoPrint Solutions Company toner formulations are specifically designed to work in conjunction with the print engine to provide dependable, brilliant colour time after time. In addition, you can optimise colour quality to match your needs by using colour brightness, contrast and saturation adjustments in the easy to install and use drivers.

ACHIEVE ENTERPRISE-LEVEL SECURITY

Integrated security features help provide peace of mind through most steps of your jobs – from access control to transmission to storage. 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.

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 printers. Contact your local InfoPrint Solutions Company representative for availability.

INFOPRINT 1634 EXPRESS SPECIFICATIONS

Item	Specifications
Printer specifications	
Maximum speed ¹	Up to 22 pages per minute (ppm) colour (letter), 24 ppm monochrome (letter), 20 ppm colour (A4), 22 ppm monochrome (A4)
First page out time ¹	As fast as 11 seconds colour, 10.5 seconds monochrome
Processor	625 MHz
Maximum monthly usage ²	Up to 75,000 pages (n model), up to 100,000 pages (dn model)
Print resolution ⁵	4800 Colour Quality (CQ), 1200 x 1200 dots per inch (dpi) (at reduced printer speeds)
Duplex printing	Yes (standard on the dn model, not available on the n model)
Model	n and dn
Memory (std/max)	128 MB/640 MB (n model), 256 MB/640 MB (dn model)
Hard drive	Optional 40+GB
Memory slots	1 open DIMM slot; 1 open flash memory/firmware card slot; 1 open internal solution (ISP) slot
USB direct interface port	Print directly to the printer using a USB flash memory device
General specifications	
Console type	Four-line, all-points-addressable (APA), backlit, gray scale operator panel
Paper handling³	
Paper input sources (std/max)	2/3
Input capacity (std/max)	350/900
Standard input	250-sheet drawer, 100-sheet multi-purpose feeder
Standard input capacity	350 sheets (250-sheet standard drawer + 100-sheet multi-purpose feeder)
Optional input	A maximum of one additional 550-sheet drawer
Maximum input capacity	900 sheets using 1 additional 550-sheet drawer
Paper output destinations (std/max)	1/1
Output capacity (std/max)	250/250
Standard output	250-sheet standard bin
Envelope capacity	Multi-purpose feeder (10 envelopes 20 lb., 75 g/m ²)
Standard datastreams	PostScript 3 emulation, PCL 5c and 6, PDF 1.5, PPDS migration tool
Application solutions	Bar code card ³
Supported environments⁴	Microsoft® Windows® Server 2003, Server 2003 x64, Vista, XP, XP x64, 2000, Me, 98, 95, NT® 4, Terminal Services; Citrix MetaFrame; UNIX®; Linux®; Mac OS; Novell

INFOPRINT 1634 EXPRESS SPECIFICATIONS

Printer attachments

Standard	USB 2.0 full speed, Ethernet 10/100BaseTx
Optional internal	Ethernet 1000BaseTX, RS-232C Serial Interface Card, 1284-B Parallel Interface Card
Optional external	Ethernet 10/100BaseTX (1 USB port), Ethernet 1000BaseTX (4 USB ports), 802.11g Wireless to USB

Printer media

Sizes	A4; A5; JIS B5; statement; letter; folio; legal; executive; some envelopes
Types	Plain paper; cardstock; transparencies; some envelopes; paper labels designed for laser printers (occasional use only)
Weights	Plain paper: 16 to 58 lb. (60 to 218 g/m ²) bond Card stock: Up to 90 lb. (163 g/m ²) index; 100 lb. (120 g/m ²) tag Envelopes: 16 to 28 lb. (60 to 105 g/m ²) bond

Physical characteristics

17.3" x 20.2" x 19" (440 mm x 408 mm x 484 mm) (WxDxH), 57 lb./26.1 kg (weight - n model), 58.75 lb./26.6 kg (weight - dn model)

Supply and maintenance items

Toner yield ⁴	Ship with: 6,000 pages, colour and black; Aftermarket: 3,000, 5,000 and 7,000 pages colour; 4,000 and 8,000 pages black
Fuser ⁵	120,000 pages
Photoconductor kit ⁵	20,000 pages
Transfer belt ⁵	120,000 pages
Toner waste bottle ⁵	25,000 pages mono
Cost saving/environment features	Some models Energy Star qualified when duplex is attached Paper saver (N-up output) Standard duplex printing (on dn model) Return program toner cartridges

Warranty North America

One year, 9 A.M. to 5 P.M. next-day on-site repair (upgrades are available). For more information, visit: infoprint.com/support/warranties

Warranty Europe, Middle East, Africa and Asia Pacific

One year (unless country law dictates otherwise), Technical Exchange. Not available in all locations. For local availability or for more information contact your local InfoPrint Solutions Company Representative.

What's in the box

- Printer
- Duplex (dn model only)
- 6,000⁵ page ship with colour and black cartridges
- 20,000⁵ page photoconductor units
- Hard copy setup sheet
- Software and documentation CD
- Power cord
- Supplies program flyer
- Statement of limited warranty

INFOPRINT COLOUR 1634 EXPRESS PRINTER SUPPLIES AT A GLANCE

Part number	Product description	Yield (Sets)*
39V0299	Toner Cartridge, Cyan	3,000
39V0300	Toner Cartridge, Magenta	3,000
39V0301	Toner Cartridge, Yellow	3,000
39V0302	Toner Cartridge, Black	4,000
39V0303	Return Toner Cartridge, Cyan	3,000
39V0304	Return Toner Cartridge, Magenta	3,000
39V0305	Return Toner Cartridge, Yellow	3,000
39V0306	Return Toner Cartridge, Black	4,000
39V0307	High Yield Toner Cartridge, Cyan	5,000
39V0308	High Yield Toner Cartridge, Magenta	5,000
39V0309	High Yield Toner Cartridge, Yellow	5,000
39V0310	High Yield Toner Cartridge, Black	8,000
39V0311	Return High Yield Toner Cartridge, Cyan	5,000
39V0312	Return High Yield Toner Cartridge, Magenta	5,000
39V0313	Return High Yield Toner Cartridge, Yellow	5,000
39V0314	Return High Yield Toner Cartridge, Black	8,000
39V1622	Extra High Yield Toner Cartridge, Cyan	7,000
39V1623	Extra High Yield Toner Cartridge, Magenta	7,000
39V1624	Extra High Yield Toner Cartridge, Yellow	7,000
39V1626	Return Extra High Yield Toner Cartridge, Cyan	7,000
39V1627	Return Extra High Yield Toner Cartridge, Magenta	7,000
39V1628	Return Extra High Yield Toner Cartridge, Yellow	7,000
39V1635	Photoconductor	20,000
39V0384	Toner Waste Bottle	25,000
40X3572	Transfer Belt	120,000
40X3569	Fuser Unit (LV:115V)	120,000
40X3570	Fuser Unit (HV:220V)	120,000
40X3571	Fuser Kit (100V)	120,000

**These numbers reflect an approximate average yield that has been established for each supply item indicated based on five percent 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.*

FOR MORE INFORMATION

Contact your InfoPrint Solutions Company representative or InfoPrint Solutions Partner or visit:

infoprint.com/workgroup

InfoPrint Solutions Company

PO Box 41
North Harbour
Portsmouth
Hampshire PO6 3AU
Basingstoke
United Kingdom

The InfoPrint Solutions Company home page can be found **infoprint.com**

InfoPrint Solutions Company is a trade name of InfoPrint Solutions Company, LLC, in the United States, other countries or both. InfoPrint Solutions Company, LLC is a joint venture of Ricoh Co., Ltd. and International Business Machines Corporation.

InfoPrint, Intelligent Printer Data Stream and IPDS are trademarks of InfoPrint Solutions Company in the United States, other countries, or both.

IBM is a trademark of International Business Machines Corporation in the United States, other countries, or both.

Adobe, PostScript and PostScript 3 are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. Other company, product and service names may be trademarks or service marks of others.

Microsoft, Windows, NT and Windows Server are trademarks or registered trademarks of Microsoft Corporation in the United States, other countries or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product and service names may be trademarks, or service marks of others.

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

²The Image Quality (IQ) or 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 dpi.

³InfoPrint Solutions Company does not recommend printing this monthly maximum on a consistent basis.

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

⁵Assumes five percent coverage per page. Yields are provided for planning purposes and are not a guarantee of minimum life; actual yields may vary. Declared yield value in accordance with ISO/IEC 19752.

References in this publication to InfoPrint Solutions Company products, programs or services do not imply that InfoPrint Solutions Company intends to make these available in all countries in which InfoPrint Solutions Company operates. InfoPrint Solutions Company hardware products are manufactured from new parts, or new and used parts. In some cases, the hardware product may not be new and may have been previously installed. Regardless, InfoPrint Solutions Company warranty terms apply.

© Copyright InfoPrint Solutions Company 2007
All Rights Reserved.