

IBM Infoprint Color 1634 Express



Powerful, affordable color and monochrome printing from a single device

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

The IBM Infoprint® Color 1634 Express 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.

Highlights

- ***A powerful 625 MHz processor and 256MB of memory (on the duplex model) produce first-page-out-times as fast as 10.5 seconds¹ for monochrome and 11 seconds¹ for color***
- ***Color Care Technology is designed to help you manage the costs of color 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 color 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***

Manage color to help control use and reduce cost

Color is an important business tool that can help you communicate effectively, and the Infoprint Color 1634 Express 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.

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 Color 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 color output from the Infoprint Color 1634 Express. IBM toner formulations are specifically designed to work in conjunction with the print engine to provide dependable, brilliant color time after time. In addition, you can optimize

color quality to match your needs by using color 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 4 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 IBM, 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 IBM printers in the U.S.

Infoprint Color 1634 Express at a glance

Item	Specifications
Printer specifications	
Maximum speed ¹	Up to 22 ppm color (letter), 24 ppm mono (letter) Up to 20 ppm color (A4), 22 ppm mono (A4)
Models	n and dn (not all models are available in all geographies)
First page out time ¹	As fast as 10.5 seconds for monochrome and 11 seconds for color
Processor speed	500 MHz on the n model 625 MHz on the dn model
Maximum monthly print volume ³	Up to 75,000 on the n model Up to 100,000 on the dn model
Print resolution	4800CQ (Color Quality) ² 1200 x 1200 dpi (at reduced printer speeds)
Duplex printing	Yes (standard on the dn model, not available on the n model)
Memory (std/max)	128MB/640MB on the n model 256MB/640MB on the 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
Standard connectivity	USB 2.0 full speed, 10/100BaseTx Ethernet
Optional connectivity	10/100BaseTX Ethernet, 10/100/1000BaseT Ethernet, RS-232C serial, 1284-B parallel, 802.11g wireless
USB direct interface port	Print directly to the printer using a USB flash memory device
Application solutions	Bar code card
Print data streams	PostScript® 3™ emulation, PCL 5c and 6, PDF 1.5, PPDS migration tool
General specifications	
Console type	Four-line, all-points-addressable (APA), backlit, gray scale operator panel
Paper input sources (std/max)	2/3
Paper output destinations (std/max)	1/1
Standard input capacity	350 sheets (250-sheet standard drawer + 100-sheet multipurpose feeder)
Standard output capacity	250-sheet standard bin
Maximum input capacity	900 sheets using 1 additional 550-sheet drawer
Optional input devices	A maximum of one additional 550-Sheet Drawer
Envelope capacity	Multipurpose feeder (10 envelopes 20 lb., 75 g/m ²)
Media types	Plain paper; Cardstock; Transparencies; Some envelopes; Paper labels designed for laser printers (occasional use only)
Media sizes, standard	A4; A5; JIS B5; Statement; Letter; Folio; Legal; Executive; Some envelopes
Media sizes, universal	Primary and 550-sheet optional tray: — 5.83 x 8.27 in. (148 x 210 mm) to 8.5 x 14 in. (216 x 356 mm) Multipurpose feeder: — 3 x 4.88 in. (76 x 124 mm) to 8.5 x 14 in. (216 x 356 mm)
Media 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
Dimensions (w x d x h)	17.3 x 20.2 x 19 in. (440 x 512 x 484 mm) with output bin installed
Weight (including supplies)	57 lb. (25.9 kg) for the n model 58.75 lb. (26.6 kg) for the dn model
Supported environments ⁴	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 Color 1634 Express at a glance

Supply and maintenance items

Toner yield ⁵	Ship with: approximately 6,000 pages, color and black Aftermarket: approximately 3,000, 5,000 and 7,000 pages color Aftermarket: approximately 4,000, 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 and environmental features

- Energy Star® qualified
- Paper saver (N-up output)
- Standard duplex printing (on dn model)
- IBM return program toner cartridges

Warranty:

North America

One year, Depot Exchange (upgrades are available). For more information, visit:
ibm.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 IBM Representative.

What's in the box

- Printer
- Duplex (dn model only)
- 6,000⁵ page ship with color 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 Color 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 Return 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	LV Fuser Unit	120,000
40X3570	HV Fuser Unit	120,000
40X3571	100 V Fuser Unit	120,000

* 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.

For more information

Contact your IBM representative or
IBM Business Partner or visit:

ibm.com/printers/workgroup



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

² The Image Quality (IQ) or 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).

³ IBM does not recommend printing this monthly maximum on a consistent basis.

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

⁵ Assumes 5% 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.