Consolidate copy, print, scan and fax functions in one cost-effective color MFP

IBM

InfoPrint Color 1764 MFP

Highlights

- *Boost end user productivity with color printing, color copying, color duplex scanning and monochrome faxing*

- *Print up to 35 ppm[1] color or 40 ppm[1] monochrome letter (33 ppm[1] color or 38 ppm[1] monochrome A4), with a first-page-out-time as fast as 11 seconds[1] for monochrome and as fast as 13 seconds[1] for color*

- *Simplify user interaction with an easy-to-use, customizable, 8-inch, vivid color touch screen that includes a USB direct printing and scanning port*

- *Enhance document confidentiality with multiple layers of security*

- *Use Color Care Technology to help manage and reduce the cost of printing*

- *Simplify user interaction with an image-capable, intuitive operator panel that includes a USB direct printing port*

- *Add the StapleSmart finisher, the media banner tray and other input/finishing options to increase productivity*

- *Reduce job delays through improved diagnostics and reporting*

Boost performance for workgroups of all sizes with a color MFP

The intelligent multi-function printer features an intuitive color touch screen. With an 800 MHz processor, 768 MB of standard memory, included duplex and four standard input sources, the InfoPrint® Color 1764 MFP gives workgroups of all sizes the power to copy, scan, print and fax from one color MFP device.

With superb color quality and monochrome output in one versatile device, users can complete a wide range of projects quickly and conveniently. The easy to learn e-Task color touch screen makes it easy to perform basic or advanced scan, scan to e-mail, copy, fax and print tasks. Standard ImageQuick functionality and the USB direct interface allow forms management and direct printing of supported file formats at the printer. With standard enterprise security features and Color Care Technology from

IBM, the InfoPrint Color 1764 MFP helps you operate your On Demand Business with a higher level of confidence and affordability.

Easy to use

The InfoPrint Color 1764 MFP is designed with the user in mind. Features and functionality are optimized to be intuitive, convenient and user friendly. The standard legal-sized, duplex Automatic Document Feeder (ADF) can quickly scan both sides of large jobs, or use the flatbed glass for your delicate or bound items. The easy-to-see "stop" button allows you to stop print jobs in progress when it's necessary. At the touch of a button, all jobs in the MFP's queue (copy, print or fax) can be displayed to help ensure cancellation of the correct job. Advanced copier features such as job build, priority copies and sensing of mixed original jobs are included standard.

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 save time and increases mobility.

Manage the costs of color print to maximize value

Color printing is a powerful way to help your business communicate effectively and create a lasting impression. The InfoPrint Color 1764 MFP provides the color access tools required to more efficiently manage your color costs. With included Color Care Technology from IBM, you can assign color print permissions and install mono-only drivers to enable color where it is adding the highest value in the organization. The MFP's ColorSaver mode can print images and graphics lighter while leaving text dark and crisp, to save on color toner usage. Further, you can save money by using toner saver settings, the color saver feature and proof-then-print capability to reduce waste.

Achieve enterprise-level security

Integrated security features provide peace of mind through most steps of your jobs—from access control to transmission to storage. Tighten access control with increased PIN values (0 – 9), the ability to lock out and delete incorrect PINs, and expiration time for confidentially held jobs. Protect jobs during transmission with multiple

types of encryption. The InfoPrint Color 1764 MFP includes hard disk wiping, which performs a multi-pass overwrite of the hard disk, designed to help prevent exposure of your sensitive information.

Enhance serviceability

The InfoPrint Color 1764 MFP is designed to improve reliability and the ease of serviceability. It is designed to display secondary error codes to improve reporting and diagnostics. As a result, you can spend less time diagnosing and resolving problems and improve printer availability. Now MFP settings can be preserved during changes of controller cards, including serial number, new meters and counters. The improved event log page can log recent events such as paper jams, service errors and factory default resets to provide continuity for service personnel.

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.

IBM InfoPrint Color 1764 MFP at a glance

Specifications	Functions
Printer specifications	Color/mono print, color/mono copy, color/mono scan, mono fax
Maximum Print Speed[1]	Up to 35 ppm[1] color or 40 ppm[1] monochrome letter (33 ppm[1] color or 38 ppm[1] monochrome A4)
First page out time[1]	As fast as 11 seconds black or 13 seconds color
Processor	800 MHz
Maximum monthly usage[2]	Up to 150,000 pages
Print resolution[3]	4800CQ (Color Quality)
	1200 x 1200 dpi (at reduced printer speeds)
Duplex printing	Standard
Model	4899-00X
Memory (std/max)	768 MB/768 MB
Hard drive	Standard 40+ GB
Memory slots	1 available slot for flash memory
Standard datastreams	PostScript 3 emulation, PCL 6 emulation, PDF 1.5, PPDS migration tool
Application solutions	IPDS and Barcode may be available. Only one application solution can be added to the standard configuration.
Printer attachments	
Standard	USB 2.0 full speed, Ethernet 10/100BaseTx
Optional internal	Ethernet 10/100BaseTX, Ethernet 10/100/1000BaseT, RS-232C serial, 1284-B parallel, 802.11g wireless
Optional external	None
USB direct interface port	Print directly to the printer using a USB flash memory device
General specifications	
Standard Function	Copy/fax/scan
Automatic Document Feeder (ADF)	Type: single pass duplex ADF with c-path; Capacity: 50 sheets (20 lb. or 75 g/m2 bond)

IBM InfoPrint Color 1764 MFP at a glance

Paper handling[4]

Paper input sources (std/max)	4/5
Paper output destinations (std/max)	1/2
Input capacity (std/max)	1,600/1,600
Standard input	1,600 sheets (3 500-sheet drawers + 100-sheet multipurpose feeder)
Optional input	none
Output capacity (std/max)	250 sheets/900 sheets
Optional input devices	None
Standard output	250-sheet standard bin
Optional output	Up to 900 sheets (250-sheet standard bin, 650 output expander) or
	Up to 900 sheets (250-sheet standard bin, 500 sheet mailbox) or
	Up to 900 sheets (250-sheet standard bin, StapleSmart Finisher (500 sheets of unstapled sheets))
Optional output devices	*A maximum of one of the following:*
	Optional StapleSmart finisher:
	— Stapling, offsetting, and 1 additional output bin
	— Up to 500 sheets of unstapled media
	— Up to 15 stapled sets (350 sheets, 25 sheets per set)
	5-bin mailbox
	— Five output destinations (100 sheets per bin)
	Output expander
	— 1 additional output bin (650 sheets)
Envelope capacity	Multipurpose feeder (10 envelopes 20 lb., 75 g/m²)
	Optional envelope drawer (60 envelopes 20 lb., 75 g/m²)

Standard datastreams

	PostScript 3 emulation, PCL 6 emulation, PDF 1.5, PPDS migration tool
USB direct interface port	Print directly to the printer using a USB flash memory device

Printer media

Sizes	Standard:
	A4; A5; JIS B5; Statement; Letter; Folio; Legal; Executive; Some envelopes
	Universal:
	Primary tray:
	— 5.5" x 8.27" (140 mm x 210 mm) to 8.5" x 14" (216 mm x 356 mm)
	— 5.83" x 7.17" (148 mm x 182 mm) to 8.5" x 14" (216 mm x 356 mm)
	Multipurpose feeder:
	3" x 5" (76 mm x 127 mm) to 9.01" x 14" (229 mm x 356 mm)
Types	Plain paper; Cardstock; Transparencies; Some envelopes; Paper labels designed for laser printers (occasional use only)
Weights	Plain paper: 16 to 47 lb. (60 to 176 g/m²) bond
	Card stock: Up to 90 lb. (163 g/m²) index; 125 lb. (203 g/m²) tag
	Envelopes: 16 to 28 lb. (60 to 105 g/m²) bond
Dimensions	26.75" x 23" x 55" (679 mm x 584 mm x 1410 mm)
Weight	215 lb./97.5 kg
Supported environments[5]	Microsoft® Windows Server® 2003, XP, XP x64, 2000, Me, 98, 95, NT® 4, Terminal Services; Citrix MetaFrame; UNIX®; Linux®; Mac OS; Novell

IBM InfoPrint Color 1764 MFP at a glance

Copy specifications

Maximum copy speed[1]	Mono sides per minute simplex: up to 35 letter, 33 A4
	Mono sides per minute duplex: up to 31 letter, 29 A4
	Color sides per minute simplex: up to 18 letter, 17 A4
	Color sides per minute duplex: up to 16 letter,15 A4
Time to first copy[1]	Flatbed: as fast as 15 seconds mono, 17 seconds color
	ADF: as fast as 14 seconds mono, 17 seconds color
Multiple copies	1 – 999 (scans original only once); Copy countdown
Simplex/duplex copying	Standard: 1 to 1, 2 to 1
	With optional printer duplex: 1 to 2, 2 to 2
Reduce/enlarge	Variable zoom from 25% – 400%
Copy quality	Lighter or Darker (adjusts the copy output darkness)
	Edge Erase (erases marks around the edge of originals)
	Content (sets the scanner mode for text, text/photo, photo or printed photo)
	Selectable image resolution (Increasing resolution increases the file size)
	Advanced imaging (background removal, contrast, and shadow detail)
Copy finishing	Advanced duplex (set binding for landscape or portrait input and output)
	Collation (electronically collates copy output)
	Separator page (between copy sets)
	Margin shift (provides a margin for hole punching or binding)

Scan specifications

Maximum scan size	8.5" x 14.0" (216 mm x 355 mm) from the flatbed or ADF
Maximum optical resolution	Mono scanning: 600 x 600 dpi
	Color scanning: 600 x 300 dpi with final resolution of 300 x 300 dpi
Scan file formats	PDF, JPEG or TIFF
Scan features	Duplex scan; Variable zoom from 25% – 400%; TWAIN drivers, Scan preview; Job Build from flatbed; Custom job from ADF and/or flatbed; Create booklet
Scan destinations	Network TWAIN; USB Flash memory device; e-mail; FTP; LDSS; Scan to PC

Fax specifications

Maximum fax resolution	400 x 400 dpi
Modem speed	33.6 Kbps (3 seconds per page)
Receive fax	Yes
Fax memory	Up to 4,096 fax jobs (depending on hard drive free space)
Fax speed dials	Up to 5,000
Fax broadcast locations	Up to 400
Send hard copy fax	Flatbed or ADF
Send soft copy fax	Outbound fax is supported from some printer drivers
Memory (delayed) send	Set time and date for when current job is to be faxed
Fax auto redial	Yes
Fax forwarding	Yes
Block junk fax	Yes

IBM InfoPrint Color 1764 MFP at a glance

Supply and maintenance items

Toner yield[6]	Ship with: 10,000 pages, color and black
	Aftermarket: 6,000, 10,000 and 15,000 pages, color and black
Fuser[6]	120,000 pages
ITU maintenance kit[6]	120,000 pages
Toner waste bottle[6]	180,000 pages mono; 50,000 pages color
Staple cartridges	StapleSmart Finisher refill sets (3 cartridges of 3,000 staples)

Cost-saving and environmental features

- ENERGY STAR® qualified
- Paper saver (N-up output)
- Standard duplex printing
- ColorSaver mode
- IBM return program toner cartridges

Warranty

North America:
— One year, 9x5 next-day on-site repair (upgrades are available). For more information, visit **ibm.com**/support/warranties

Europe, Middle East, Africa:
— One year (unless country law dictates otherwise), 9x5 next-day on-site repair (upgrades are available). Not available in all locations. For more information contact your local IBM Representative for local availability.

Asia Pacific:
— One year (unless country law dictates otherwise), 9x5 next-day on-site repair (upgrades are available). Not available in all locations. For more information contact your local IBM Representative for local availability.

What's in the box

4899-00X
— Printer
— Scanner
— Duplex unit
— 2 additional 500-sheet input drawers
— Scanner shelf
— Printer stand
— 10,000 page[6] ship with color and black cartridges
— Output stacking bail
— RJ-11 Phone Cable (if applicable)
— RJ-11 Phone Adapter (Country Specific) (if applicable)
— 768 MB
— Setup Guide (Hardcopy)
— Software and Documentation CD
— WEEE Booklet (Country dependent)
— AC Power Cord
— Spare Separator Pad

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

[3] 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).

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

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

[6] 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 19798.

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