

HP color 9850mfp



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The HP color 9850mfp is a reliable, network-ready multifunction product for demanding color document production environments.

Leading color performance

- **Reduce your acquisition expenditures.** Get color performance and value you can count on with the HP color 9850mfp.
- **Print vibrant color documents that get noticed.** Achieve professional image quality with 600 x 600 dpi resolution or 600 x 1800 dpi enhanced resolution. Enjoy clearer, sharper, professional print quality with specially formulated, color polymerized toner.
- **Improve productivity with rapid turnaround times.** Increase your efficiency with high-quality color and black and white documents at up to 50 pages per minute (ppm) and a first-page-out speed of 7.6 seconds for color, 6 seconds for black and white.
- **Produce professionally finished, color documents.** Optional finishing solutions give documents a professional touch with choices such as stapling, tri-folding, saddle-stitch booklet making, trimming, hole-punching, and sheet insertion. High-capacity input (HCI) paper trays support high-volume printing.
- **Create high-impact documents that impress your most demanding audience.** Better meet the needs of today's knowledge workers, business executives, and designers by employing a device that supports media up to A3 oversized (13 by 19 in) and heavy stock up to 209 g/m² (110 lb) in all trays or 256 g/m² (140 lb) in the HCI and multipurpose bypass trays.
- **Meet the diverse needs of busy production environments.** The reversing automatic document feeder (RADF) accepts one-sided and two-sided originals as well as different-sized originals.
- **Multiply your printing and copying performance.** Distribute print jobs between multiple devices with optional cluster printing support.

Reliable color

- **Increase productivity, improve user satisfaction, and reduce operating costs.** Designed for demanding color production environments, the dependable HP color 9850mfp is backed by HP's reputation for reliability and world-class service. Together with a robust, 150,000 page maximum monthly duty cycle, you can experience worry-free printing.
- **Avoid costly job interruptions and service interventions.** This durable, color multifunction device can keep up with the most demanding production environments.
- **Get assurance with a standards-based solution.** Designed to work in a variety of networking and production environments, all of the device accessories have been rigorously tested to ensure compatibility.

Color made easy

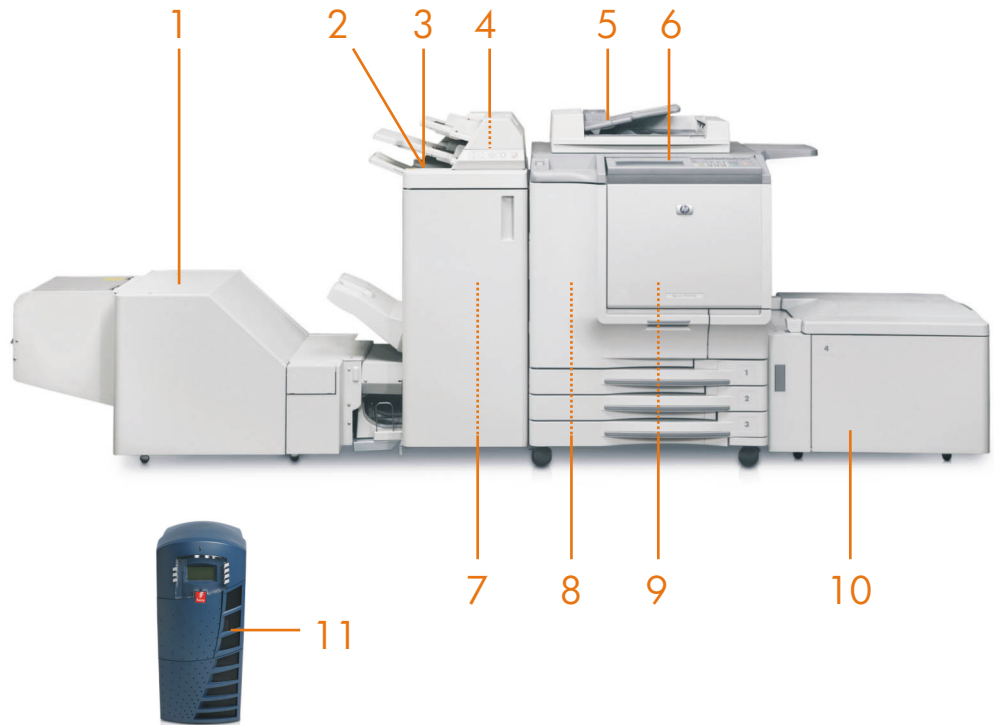
- **Increase uptime.** A continuous toner replacement system enables you to replace toner while the HP color 9850mfp is printing and copying.
- **Easily integrate into an existing production environment.** The HP color 9850mfp is designed to provide easy operation, low maintenance, and seamless and versatile network connectivity with support for popular network and server platforms.
- **Experience dedicated networking and outstanding performance with industry-leading EFI tools.** Get powerful print job processing and Adobe® PostScript®3 support with the optional Electronics for Imaging (EFI®) Fiery® S300 print controller. Print uniform color every time with ColorWise® and eliminate wasteful reprinting. Simplify centralized job management with Fiery WebTools™, which includes Internet Printing Protocol (IPP) support.

HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories, and services are designed to work together and are invented to meet your business needs.



HP color 9850mfp

1. Optional HP Trimmer Unit cleans up the finished edges of saddle-stitched booklets
2. Optional HP 3,000-sheet Multifunction Finisher offers stapling, stacking, tri-folding, and saddle-stitch finishing and creates up to 80-page signature booklets
3. Optional HP 3,000-sheet Stapler/Stacker allows stapling for up to 50 sheets
4. Optional HP Post-Insertion Kit adds cover media and provides offline finishing
5. Reversing Automatic Document Feeder accepts both one- and two-sided originals in sizes up to tabloid/ledger
6. Easy-to-use and powerful touch screen and control panel with full digital copier feature set
7. Optional HP Hole-Punch Kits provide 2- or 3-hole punching
8. Built-in duplexer supports automatic two-sided printing and copying
9. High-capacity HP toner bottles increase your productivity
10. Optional 2,500-sheet, HCI tray supports media up to 13 by 19 inches
11. Optional print controller kit provides network connectivity and additional software functionality



HP color 9850mfp shown with optional accessories

Powerful processing and efficient production management

The optional EFI Fiery S300 print controller features the Intel® Pentium® 4, 2 GHz processor and up to 1 GB RAM. It includes document, device, and print queue management applications and lets you do the following:

- Identify print controllers on your network automatically and support multiple protocols and connections simultaneously.
- Manage, interrupt, merge, re-print, modify, or archive print jobs.
- Print remotely via the Internet by specifying the URL.
- Perform many administrative tasks through e-mail: submit jobs to different print servers, cancel them, or send scanned images to remote locations.
- E-mail services and IPP support provide a simple way to remotely manage all of your print and copy jobs.

The MFP engine includes 512 MB memory and up to 1.5 GB RAM

Boosts productivity

With a robust 150,000 page monthly duty cycle, up to 4,250-sheet input capacity, and a continuous toner replacement system, you will spend less time monitoring your print and copy jobs.

Add optional finishing capabilities, including a 3,000-sheet stapler/stacker or a multifunction finisher, to enable high-volume, continuous printing.

Industry-leading color

Print uniform color every time. Fiery ColorWise adds flexibility and features that help you achieve the highest quality color possible and accurately simulate the output of other color devices. ColorWise includes automatic PANTONE® calibrated matching and transparent handling of RGB, Lab, and spot color data, even when mixed on the same page, ensuring accurate output with little effort.

Service and support

HP offers a comprehensive portfolio of services for environments of all sizes and all types. For information, please contact HP or an authorized HP Reseller.

Advanced workflow management functions streamline the production of professional-quality, finished, color and black and white documents.



Simplify job management with optional workflow tools

The HP color 9850mfp offers a comprehensive suite of applications designed for production environments.

DocBuilder Pro™

Preview, edit, and assemble digital documents at the print controller regardless of the application, file format, or platform.

Graphics Arts Package™

Developed to address the specific requirements of graphic arts professionals, the Fiery Graphics Arts Package is a comprehensive set of tools to achieve consistently accurate color and print quality.

Color Profiler Kit™

Includes the EFI spectrometer, a fast, hand-held, color measurement device. Use the spectrometer as a densitometer to measure day-to-day fluctuations in inks and toners and to calibrate and compensate for fluctuations.

Data Center Package™

Provides full support for host printing in IBM mainframe and AS/400 enterprise systems. Offers users all of the advantages of EFI's Fiery workflow: high-quality color, extensive finishing options, and digital output devices.

Velocity™

Enhance your production workflow and make printing and scanning more powerful, productive, and easier to manage from one centralized user interface. EFI's optional Velocity workflow software is flexible, scalable, and integrates seamlessly into any printing process. Velocity reduces the potential for operator error, streamlines complex job cycles, and decreases job completion time – leading to maximum productivity and profitability.

- Velocity Balance™ — Determines which available device can best complete a print job and routes that print job automatically. It can also split a large, complex job between available devices.
- Velocity Remote Build™ — Enables remote management for Velocity Build™, a document imposition (document layout) tool included with DocBuilder Pro.
- Velocity Scan™ — Import paper documents into your digital production workflow. Documents can be scanned, automatically converted to PDF for editing, and sent to a print controller for electronic copying and processing.
- Velocity Compose™ — Dramatically reduces composition time with its powerful, fast, and user-friendly interface. Provides PDF-based thumbnails, ideal for handling large, complex documents with inserts or merged files from digital or scanned hardcopies.

Other software options are available. For information, please contact HP or an authorized HP Reseller.

Paper-handling accessories

Produce finished documents with the touch of a button

HP 3,000-sheet Multifunction Finisher (Q5687A)

Produce complete, ready-to-use documents in a single step with multiple-position stapling, stacking, tri-folding, and saddle-stitch booklet making. Add the HP Post-Insertion Kit to insert cover sheet media.



HP 3,000-sheet Stapler/Stacker (Q5686A)

Sort, staple-sort, and group documents into finished sets. Add the HP Post-Insertion Kit to insert cover sheet media.



HP Trimmer Unit (Q5688A)

Complete the professional appearance of your reports and brochures with the HP Trimmer Unit. (Trimmer adaptor kit is required.)



HP 2,500-sheet High Capacity Input Tray (Q5690A)

Increase your media input capacity to 4,250 sheets with the HCI.



HP Hole-Punch Kits (Q3635A or Q3689A)

Add 2- or 3-hole punches to your documents with the HP Hole-Punch Kits. (An optional HP Hole-Punch Kit may be added to the HP 3,000-sheet Multifunction Finisher or HP 3,000-sheet Stapler/Stacker.)

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Technical specifications HP color 9850mfp

Print, copy, scan speed¹ (letter)	Up to 50 pages per minute
First copy out	Approximately 6.0 seconds (black and white), 7.6 seconds (color)
Resolution	600 x 600 dpi (scanning, copying, and printing graphics and text) 600 x 1800 dpi, enhanced resolution mode
Processor²	Intel Pentium 4, 2 GHz
Memory/Storage	MFP engine: 512 MB RAM, expandable to 1.5 GB; optional 20 GB HDD Print controller: 512 MB RAM, expandable to 1 GB; 60 GB HDD ²
Duty cycle	Up to 150,000 pages per month
Toner	Black, yellow, magenta, and cyan polymerized toner (30,000 black and white pages or 20,000 color pages at 5% coverage)
Media	
Media handling (input)	Bypass Tray: 250-sheet multipurpose tray (supports custom sizes), Trays 1, 2, and 3: 500-sheet input tray (supports custom sizes), Optional Tray 4: 2,500-sheet input tray (supports custom sizes), 100-sheet Reversing Automatic Document Feeder
Media handling (finishing), all optional	HP 3,000-sheet Stapler/Stacker, HP 3,000-sheet Multifunction Finisher, HP Trimmer Unit, HP Post-Insertion Kit (for cover sheet insertion), HP Hole-Punch Kits
Input capacity	Standard: 1,750 sheets Maximum: 4,250 sheets
Media sizes	Minimum (Trays 1, 2, 3, and optional Tray 4): 216 by 140 mm (8.5 by 5.5 in) Minimum (bypass tray): 100.08 by 148.08 mm (3.94 by 5.83 in) Maximum (all trays): 330 by 483 mm (13 by 19 in)
Media weights	Recommended: 105 g/m ² (28 lb bond) Maximum (all trays): up to 209 g/m ² (110 lb index) Maximum (HCl and bypass trays): up to 256 g/m ² (140 lb index)
Connectivity	FireWire port (connects MFP to optional print controller) LAN Ethernet port
Languages and fonts	PostScript® Level 3, PCL5e (with color) 136 PostScript scalable fonts, 82 PCL scalable fonts, 4 Euro fonts
Dimensions (with RADF)	760 by 889 by 1179 mm (29.9 by 35 by 46.4 in)
Weight (with RADF)	327.5 kg (722 lb)

¹ Approximate figures, based on printing with plain, letter-sized paper. Exact speed depends on system configuration, software programs, and document complexity.

² Standard with the optional print controller

Environmental ranges	
Operating temperature:	Operating: 50 to 86° F (10 to 30° C)
Relative humidity:	Operating: 10 to 80 percent relative humidity (RH)
Altitude:	Operating: to 10,000 ft (to 3,040 m), Non-operating: to 15,000 ft (to 4,570 m)
Acoustics	
Sound power level	<78 dBA
Power consumption	220 V/60 Hz units
Active	1,618 Wh
Standby	568 Wh
PowerSave	12 Wh
Off	0.2 Wh
Compliance/safety	Compliant with: USA UL listed to UL 1950: third edition, CDRH approved to 21 CFR Ch. 1, Subch. J; Canada CUL certified to CSA 22.2 number 950:1995
Warranty	90-day parts only warranty For information on a Service Maintenance Contract on your product, please contact HP or an authorized HP Reseller.



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Ordering information

HP product	Number
HP color 9850mfp (Americas)	Q3225A #484
HP Localization Kit	Q5709A
Paper handling	
HP Automatic Document Feeder	Q3228A
HP 3,000-sheet Stapler/Stacker	Q5686A
HP 3,000-sheet Multifunction Finisher	Q5687A
HP 2,500-sheet HCl for letter/A4 and ledger/A3	Q5690A
HP Post Insertion Kit	Q3636A
HP Trimmer Unit	Q5688A
HP Trimmer Adaptor Unit	Q5689A
HP Hole-Punch Kits	
HP 2-Hole Punch Kit	Q3689A
HP 3-Hole Punch Kit	Q3635A
Supplies	
HP Black Toner Bottle	Q5920C
HP Yellow Toner Bottle	Q5922C
HP Magenta Toner Bottle	Q5923C
HP Cyan Toner Bottle	Q5921C
HP staple cartridge (3 pack)	Q3641A
Network interfaces	
EFI Fiery print controller includes	Q5695A
EFI print controller with cabling, network connectivity, hard disk drive, system software, and documentation	
EFI Fiery print controller FACI Kit includes	Q7001A
Monitor, keyboard, and mouse for the EFI print controller	
Software	
EFI Velocity Balance license:	
2 engines	Q5696A
each additional engine	Q5698A
EFI Velocity Remote Build (3 seats)	Q7002A
EFI Velocity Compose	Q6997A
EFI Velocity Scan	Q5700A
EFI DocBuilder Pro	Q5704A
EFI Graphic Arts Package	Q6991A
EFI Data Center Package	Q6994A
EFI Color Profiler Kit	Q6992A
Memory/Storage	
1024 MB (256 MB x 4) copier memory upgrade	Q6993A
HP MFP Copy Hard Drive (20 GB)	Q5694A
Media	
NA: www.hp.com/go/everydaypapers	USA: 1-800-477-5010

For more information visit our website at www.hp.com/go/mfp

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