HP CM8060/CM8050 Color MFPs with Edgeline Technology
CM8060 • CM8050

Improve productivity and control expenses with powerful multi-function features, including best-in-class performance,[1] operating costs,[2] and reliability.

Top performance and value

- **Save time with outstanding print speeds.[1]** Print a wide range of common business documents at an average of 60 pages per minute (ppm) black-and-white and 50 ppm color with the HP CM8060 Color MFP, and an average of 50 ppm black-and-white and 40 ppm color with the HP CM8050 Color MFP.

- **Keep operating costs under control.** HP usage-based service options include a two-tiered color pricing model. The MFP charges one price for each page of Professional color, another lower price for General Office color, and a third price for black-and-white, similar to what you would pay on an equivalent-class monochrome MFP. This makes the product significantly less expensive to operate than similar competitor offerings.[2] HP's Color Accent feature keeps your overall printing costs down by charging the black-and-white price for pages that use a very small amount of color.[3] Easily manage who uses color and when they use it with HP's Color Access Control.

- **Improve productivity.** HP packaged, configurable, and custom services help you boost the value of your investment, increasing satisfaction and reducing costs.

Best-in-class reliability[4]

- **Lower maintenance costs.** The MFP delivers rock-solid HP reliability, with recommended monthly volume ranges as high as 50,000 pages per month and estimated Mean Copies Between Service Visits comparable to a department class black-and-white copier-based MFP.

- **Optimize print quality with Original HP printing supplies.** HP MFPs with Edgeline Technology and Original HP printing supplies are designed to work together to maintain machine reliability and optimize the quality of every page printed.

- **Eliminate threats with HP's security framework.** HP helps safeguard your business with capabilities that better secure the product, protect critical information on the network, and simplify the way you manage your environment.

Intuitive usability

- **Expect an unsurpassed user experience.** HP's Easy Select Control Panel features a 10-inch color touch-screen that clearly displays all available applications and settings. An automatic navigation tool makes locating and removing paper jams simple.

- **Easily manage from anywhere.** Web Jetadmin 10.0 device management software enables efficient installation, configuration, and management, while the HP Universal Print Driver simplifies operation.

- **Increase efficiency with an embedded print server.** The full-featured HP Jetdirect print server helps you get the most from your MFP, with outstanding performance, advanced security features, and support for a broad range of network operating systems and protocols.

Amazing versatility

- **Get the best of mono and color in one multifunction device.** This versatile MFP delivers high-speed black-and-white copying and printing, fast Professional color quality printing, and low-cost General Office color quality printing. The device can also copy in color and scan in color, and has optional analog fax capabilities.

- **Integrate documents into workflows.** Enjoy embedded send to e-mail, send to network folder, send to LAN fax, and send to Internet fax functionality. Network authentication means enhanced security, and LDAP support ensures easy integration into your existing infrastructure.

- **Produce brilliant, resilient documents on plain paper.** New HP Vivera office inks and bonding agent not only produce vibrant color images and crisp text quality at any speed, but also deliver water resistant[5] prints that resist smearing, even with normal highlighter use.

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[1] Compared to department color laser MFPs below $22,000. Speeds as published by manufacturers as of August 2006. Test methods vary.
[2] Compared to department class color laser multifunction products. Operating costs are the combined price per page of service, repair parts, and consumables (exclusive of paper) over a monthly timeframe, based on manufacturers list pricing as of August 2006. HP office printing costs based on estimated ink prices and preliminary yield. For more information on office printing cartridge yield go to www.hp.com/go/pageyield.
[3] One example of Color Accent is for approximately 100 characters at 10-point Arial font, underlined. If the font changes to Times Roman 10-point, underlined the limit would increase to approximately 125 characters (serif fonts are thinner and use less ink). This example is based on an HP Service Contract.
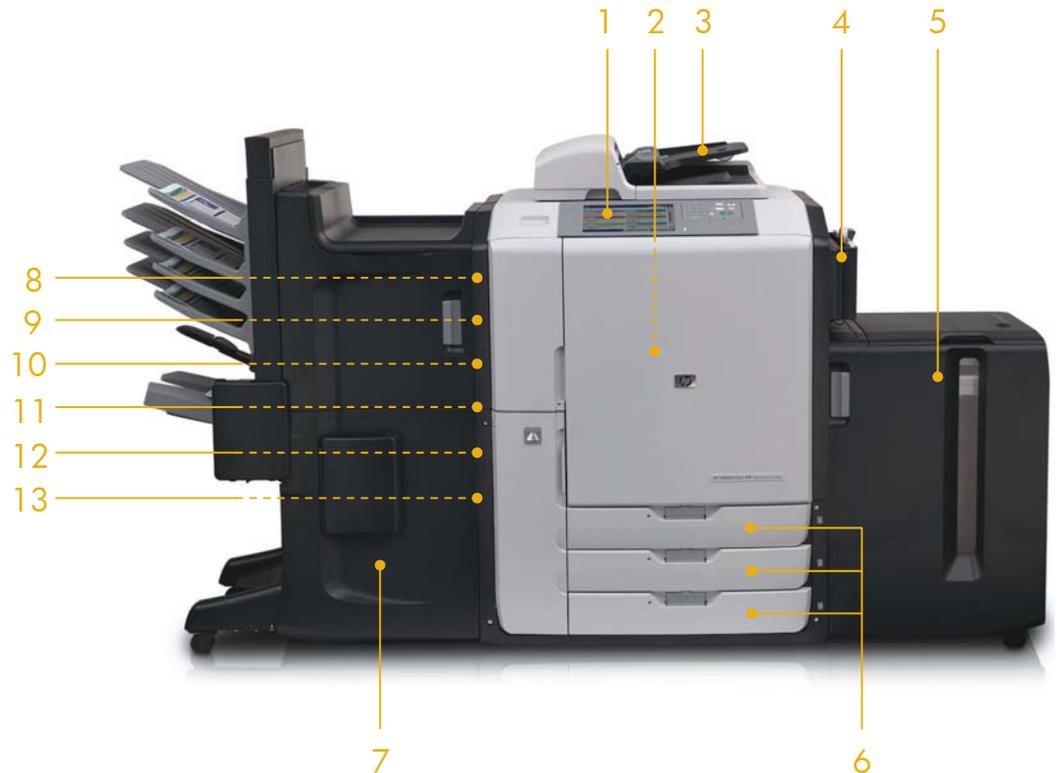[4] Compared to department class color laser multifunction products. Based on independent third party data, HP testing, and internal review of competitive products. As of August 2006.
[5] Meets the ISO standard for water resistance (International Standard 18935), as defined in "Imaging materials—Colour images on paper prints—Determination of indoor water resistance of printed colour images," first edition, August 15, 2005.

HP CM8060/CM8050 Color MFPs with Edgeline Technology

1 Easy Select Control panel: 10-inch color touch-screen display with 12-key number pad

2 Automatic two-sided printing

3 100-sheet automatic document feeder (ADF) automatically scans two-sided documents

4 80-sheet multipurpose tray handles heavy custom media up to 58 lb (220 g/m²)

5 Optional high-capacity 4,000-sheet input tray 5 (sold separately)

6 Adjustable 500-sheet input trays 2, 3, and 4

7 Choose the single output bin, 4-bin job separator, or the multifunction finisher (shown here) output solution (each sold separately)

8 Host USB port for third-party solutions and a device USB port

9 HP Jetdirect embedded print server

10 1 GB total memory and a powerful 1.6 GHz Intel Pentium M-730 processor

11 80 GB embedded hard disk for effective digital sending, private printing, and job storage

12 EIO expansion slot

13 Analog fax connection for optional analog fax

HP CM8060 Color MFP shown with the optional multifunction finisher and the optional 4,000-sheet input tray 5

Build to suit your environment

For the utmost in flexibility, choose between the HP CM8060 Color MFP (C5957A) and the HP CM8050 Color MFP (C5958A). The products share all features in common, except that the HP CM8060 Color MFP prints at an accelerated rate—an average of 60 ppm black and white, 50 ppm color—while the HP CM8050 Color MFP prints at an average of 50 ppm black and white, 40 ppm color at a reduced cost. Experience maximum speeds of 71 ppm with the CM8060 and 57 ppm with the CM8050 on less complex black-and-white or color documents.

Add the following optional components to your MFP to meet the needs of your business:

- Quickly and securely send faxes with the HP CM8000 Series Edgeline MFP Analog Fax Accessory.
- Add additional forms, fonts, and barcode printing capabilities via the device's host USB port.

In addition, HP Imaging and Printing Services help you gain control of all aspects of your printing environment with a full range of optional services.

Step up to Edgeline Technology, HP's breakthrough printing technology. Enjoy outstanding reliability and operating costs, as well as laser-quality text and graphics, brilliant images, and breathtaking print speeds.

Printing redefined

Available exclusively from HP, Edgeline Technology is sophisticated technology built on a simple concept: move the paper—not the printhead. Instead of using a single small printhead that moves back-and-forth across the page to distribute ink (as traditional inkjet devices do), Edgeline Technology uses an array of larger printheads that together stretch across the entire page. When the printheads span the page, they don't need to move. They can stay in one place while the paper moves below them, and that opens the door to a whole host of exciting performance capabilities.

Edgeline Technology leverages HP's exclusive Scalable Printing Technology, which works in tandem with other system improvements—such as HP Vivera office inks—to give you the benefits of lasers and the benefits of ink in a single print engine. This results in an entirely new class of color print devices, featuring superb reliability and operating costs and outstanding performance.

Versatile print quality

Designed specifically for HP's Edgeline Technology, new HP Vivera office inks enable unprecedented performance and print quality on plain papers.

When compared side by side against competitors, HP MFPs with Edgeline Technology achieved color print quality among the leaders when printing in Professional mode, and delivered print quality that meets the color needs of most office users at a competitive cost when printing in General Office mode.

Simple management

The HP CM8060/CM8050 Color MFP is easy to use and is compatible with powerful HP management tools:

- **HP Web Jetadmin 10.0** is a simple, Web-based peripheral management utility for remotely installing, configuring, and managing a wide variety of HP and non-HP network peripherals. Through a standard Web browser, you can configure devices, conduct remote diagnostics, set up automatic e-mail alerts, and solve potential problems before they impact user productivity.
- **The Embedded Web Server (EWS)** allows you to quickly configure and monitor a single unit.
- **The embedded HP Jetdirect print server** provides the tools you need to create a secure, interactive, highly manageable client server network.
- **HP Universal Print Drivers** can alleviate administration headaches with a single, intelligent driver that replaces individual drivers for all HP networked devices. They feature a common interface and real-time access to print features, job status, and device status.

Expandable functionality

The HP CM8060/CM8050 Color MFP is capable of greater functionality, including optional analog fax capabilities. HP partnerships enable access to integrated third-party solutions via your device's host USB port. Maximize the return on your investment with business process solutions in the areas of document capture, job accounting, and security.

Choose the paper handling solution that fits your business

4,000-sheet input tray

Add the optional high-capacity input tray to support high-volume printing while reducing user intervention. Print up to 5,580 letter sheets through up to 5 input options without reloading.

Single output bin[6]

Get standard output capacity— about 250 pages—with this single output bin. The tray supports plain paper in a wide variety of sizes and weights.

4-bin job separator

Get a maximum output capacity of 1,200 pages while separating copy, print, and fax[7] jobs to different output trays. Two bins hold up to 400 pages each and two more hold up to 200 pages each.

Multifunction finisher

Get extra output capacity—up to 3,700 pages in five bins—and separate jobs by function. Staple up to 50 pages per document and stack up to 1,000 stapled pages.

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[6] The single output bin, 4-bin job separator, and multifunction finisher are optional accessories (available for separate purchase). Purchasers must choose from one of these three output accessories. The 4,000-sheet high-capacity input tray is optional (not included, sold separately).
[7] Analog faxing is an optional capability (not included, sold separately). The MFP has embedded send to LAN fax and send to Internet fax.

HP CM8050/CM8060 Color MFPs with Edgeline Technology

Technical specifications	HP CM8060 Color MFP (C5957A)	HP CM8050 Color MFP (C5958A)
Print and copy speed[8]	An average of 60 ppm black-and-white (maximum speeds up to 71 ppm) / An average of 50 ppm color (maximum speeds up to 71 ppm)	An average of 50 ppm black-and-white (maximum speeds up to 57 ppm) / An average of 40 ppm color (maximum speeds up to 57 ppm)
First page out	Less than 12 seconds from Ready (less than 35 seconds from Sleep); warm-up time: 210 seconds (from power up to Ready)	
Resolution	600 by 600 dpi black and white and color; up to 600 by 1200 optimized dpi[9]	
Printing features	Duplex and booklet printing, N-up printing, Collation, Watermarks, Edge-to-Edge printing (2 mm margins), Private printing, Proof and Hold, Personal job, Quick Copy, Job Storage	
Copying features	1 to 9,999 copies, reduce/enlarge from 25 to 400%, N-up, Automatic Exposure Selection, Automatic Magnification Selection, Automatic Paper Selection, Automatic Tray Switching, Job Build, Image Erase, Watermarks/Overlays/Stamps, Color Temperature/Saturation	
Scanning features	Flatbed scanner up to 11.7 by 17 in (297 by 432 mm); scan speed (color and black-and-white): up to 50 ipm letter; supported file types: JPEG, TIFF, PDF (OCR supports searchable PDF, XML, HTML and CSV file types); input modes: copy, send to e-mail, send to folder, send to LAN fax, send to Analog fax	
Faxing features	Optional analog fax accessory; fax speed: up to 33.6 kbps; resolution best mode: 300 by 300 dpi; JBIG compression and auto redialing supported; up to 100 speed dial lists of 100 numbers each	
Control panel features	10-inch touch-screen color display, 12-key numeric keypad, LED status indicator lights, menu and navigation buttons, job start, stop, clear, interrupt, reset, and sleep buttons	
Digital sending features	Send to e-mail, send to network folder, send to LAN fax, send to Internet fax; embedded local user database with PIN, LDAP, Kerberos, and SMTP authentication; local user database, LDAP and Microsoft Exchange Personal contacts addressing; IPSec encryption	
Processor	Intel Pentium M-730 processor, 1.6 GHz	
Memory	1 GB DDR2 RAM (not expandable)	
Hard drive	80 GB hard drive; secure disk erase, private print job, stored job, and stored fax	
Durability ratings	Recommended monthly page volume[10]: 10,000 to 50,000 pages / Duty cycle[11]: up to 250,000 pages per month	Recommended monthly page volume[10]: 5,000 to 35,000 / Duty cycle[11]: up to 220,000 pages per month
Paper handling		
Input	80-sheet multipurpose tray 1, three 500-sheet input trays (2, 3, and 4), 100-sheet duplexing automatic document feeder (ADF); Optional 4,000-sheet high-capacity input tray 5	
Output/finishing (optional)	One finishing option must be ordered: single output bin (250 sheets); 4-bin job separator (1,200 sheets); or multifunction finisher (2,500-sheet stacker/stapler and 1,200-sheet 4-bin job separator)	
Sizes	Multipurpose tray: 4 by 6 in to 12 by 18 in (102 by 148 mm to 305 by 457 mm); letter, legal, executive, tabloid / Trays 2, 3, and 4: 5.5 by 8.27 in to 11.69 by 17 in (140 by 210 mm to 297 by 432 mm): letter, legal, executive, tabloid / Optional 4,000-sheet high-capacity input tray 5: letter, / ADF: letter, legal, executive, tabloid;; mixed sizes of same width / Stapler/stacker (multifunction finisher): letter, legal, executive, tabloid	
Weights	Multipurpose tray: 16 to 58 lb (60 to 220 g/m²); trays 2, 3, and 4: 16 to 48 lb (60 to 180 g/m²); Optional input tray 5: 20 to 48 lb (75 to 180 g/m²); ADF: 16 to 36 lb bond (60 to 135 g/m²)	
Types	Paper (plain, preprinted, letterhead, prepunched, bond, color, recycled, HP Edgeline glossy media), labels, cardstock	
Connectivity		
Interfaces	One device USB 2.0 port, one host USB 2.0 port, one available EIO slot, HP Jetdirect Fast Ethernet embedded print server (1000/100/10T with IPv6 and IPSec)	
Languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, direct PDF printing (v 1.4)	
Client operating systems	Microsoft® Windows® 2000, Me, XP, Windows Vista™; IBM OS/2 version 3.0 or greater (available from the Web), Mac OS X v10.x or later, Linux® (available from the Web), HP-UX, Solaris	
Network operating systems	Via HP Jetdirect Fast Ethernet embedded print server: Microsoft Windows 2000, Server 2003, XP, 2003 64-bit, XP 64-bit (IPv6 only supported on Windows 2003 and Windows XP; IPsec on IPv4 only on Windows 2003 and Windows XP), Windows Vista; Novell 5.1 and later; Mac OS X v10.2 or later; Red Hat Linux 7.x and later; SuSE Linux 8.x and later; HP-UX 10.20, 11.x, 11.i; Solaris 2.5 and later (SPARC systems only); IBM AIX 3.2.5 and later;[12] MPE-iX; Citrix MetaFrame Server; Windows Terminal Services	
Network protocols supported	Via HP Jetdirect print servers: IPv6: IPsec, DHCPv6, HTTP, HTTPS, Port 9100, LPD, IPP, Secure-IPP,[13] MLDv6, ICMPv6, Apple Bonjour Compatible, FTP, WS-Discovery / IPv4: IPsec, FTP, IPP,[13] Secure-IPP,[13] Auto-IP, Apple Bonjour Compatible, Telnet, SLP, IGMPv2, BOOTP/DHCP, WINS, SNMPv1/v2c/v3, TFTP, HTTP, HTTPS, Port 9100, LPD, IP Direct Mode / Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint	
Dimensions (w by d by h)	With single output bin: 50 by 33 by 48 in (1270 by 840 by 1220 mm); With multifunction finisher and high-capacity input tray: 78 by 33 by 48 in (1990 by 840 by 1220 mm)	
Weight	725 lb (330 kg)	
What's in the box	HP CM8060 Color MFP, power cord, printheads, printer documentation, printer software CD, control panel overlay, three 500-sheet input trays, 80-sheet multi-purpose tray, automatic document feeder	HP CM8050 Color MFP, power cord, printheads, printer documentation, printer software CD, control panel overlay, three 500-sheet input trays, 80-sheet multi-purpose tray, automatic document feeder

Environmental ranges

Temperature	Maximum operating: 50 to 86 degrees F (10 to 30 degrees C) / Recommended operating: 59 to 77 degrees F (15 to 25 degrees C) / Storage: -40 to 140 degrees F (-40 to 60 degrees C)
Relative humidity	Maximum operating: 20 to 80% / Recommended operating: 40 to 55%

Acoustics[14]

Power emissions	Active (copying): 7.4 B(A)	Ready/Idle: 5.2 B(A)
Pressure emissions	Bystander: Active (copying): 57 dB(A)	Ready/Idle: 33 dB(A)

Power requirements 110 to 127 VAC nominal (+6%/-10%), 20 amp, 50-60 Hz, dedicated line

Power consumption[15] Active: 1200 watts average, 1920 watts peak Ready (non-printing): 200 watts
(Energy Star® compliant) Sleep: 50 watts Off: 0 watts
Typical Electricity Consumption (TEC): CM8060: 21 kWh/Week; CM8050: 20 kWh/week

Power certifications

EMC	CISPR 22: 1997+A1+A2, EN 55022: 1998 +A1+A2 - Class A, EN 61000-3-2: 2000, EN 61000-3-3: 1995+A1, CISPR 24: 1997+A1+A2, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 - Class A
Safety	IEC 60950-1: 2001/EN 60950-1: 2001+A11; IEC 60825-1: 1993+A1: 1997+A2: 2001/EN 60825-1: 1994+A1: 2002+A2: 2001 (Class 1 Laser/LED Product); GB4943-1995

Warranty 90-day parts only warranty

Ordering information

Product	Number
HP CM8060 Color MFP	C5957A
HP CM8050 Color MFP	C5958A
Accessories	
Analog Fax Accessory	C5954A
4,000-sheet input tray	C5961A
Output accessories (must choose one with order)	
Single output bin	C5963A
4-bin job separator	C5964A
Multifunction finisher	C5959A
Supplies	
HP Black Ink Cartridge with Vivera Inks	C8750A
HP Cyan Ink Cartridge with Vivera Inks	C8751A
HP Magenta Ink Cartridge with Vivera Inks	C8752A
HP Yellow Ink Cartridge with Vivera Inks	C8753A
HP Bonding Agent Ink Cartridge	C8754A
3-Pack Staple Cartridge	C5967A
Connectivity	
HP Jetdirect 625n internal print server	J7960G
HP Jetdirect 635n internal print server	J7961G
HP 1284B Parallel IO Card	J7972G
Paper	
www.hp.com/go/everydaypapers;1-800-477-5010	
Service and Support	
HP installation and orientation services (CM8060/50)	UG793E
HP Same-day, onsite service, 125,000 pages (CM8060)	UF683E
HP Same-day, onsite service, 250,000 pages (CM8060)	UF684E
HP Same-day, onsite service, 400,000 pages (CM8060)	UF748E
HP Same-day, onsite service, 125,000 pages (CM8050)	UF749E
HP Same-day, onsite service, 250,000 pages (CM8050)	UF750E
www.hp.com/go/printservices	
www.hp.com/go/smartprinting	
Third-party solutions	
www.hp.com/go/gsc	

[8] Average speed using document suite. Exact speed varies depending on the system configuration, software program, and document complexity. Maximum copy speed: single-sheet copy placed on glass. Print multiple copies of single-sheet original at engine speed.
[9] Black and white and color printing on glossy brochure paper, with 600 by 600 dpi input data when printing from a computer.
[10] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
[11] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
[12] Requires software from the NOS vendor.
[13] May require software from the NOS vendor or third-party vendor.
[14] Values are based on preliminary data. See www.hp.com/support for current information. Configuration tested: print simplex using A4 paper at 60 ppm.
[15] Values subject to change. See www.hp.com/support for current information. Power numbers are the highest values measured using all standard voltages.

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