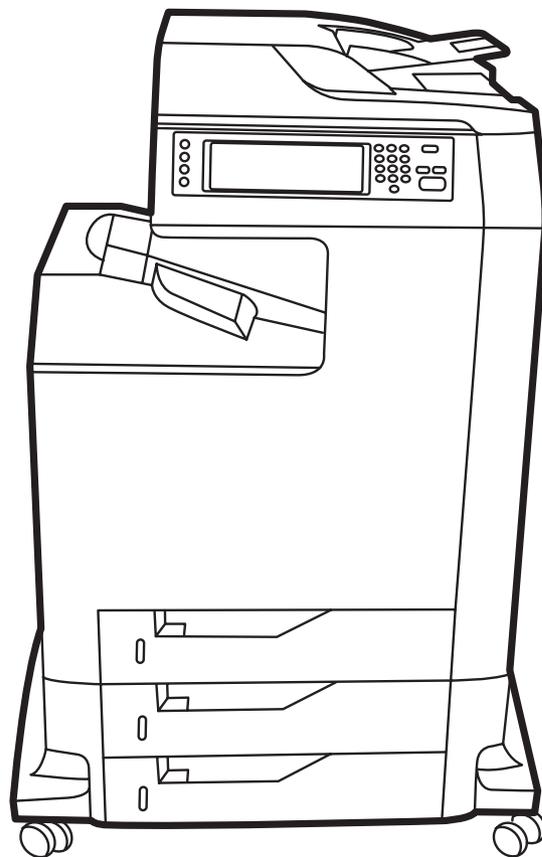


HP Color LaserJet CM4730 MFP Service Manual

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HP Color LaserJet CM4730 MFP

Service Manual



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Part number CB480-91008

Edition 2, 03/2007

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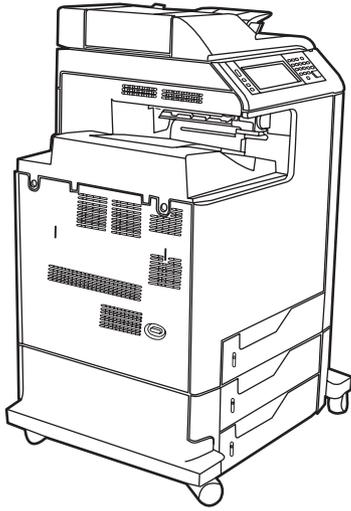
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1 Product information

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- [Media specifications](#)
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Product comparison

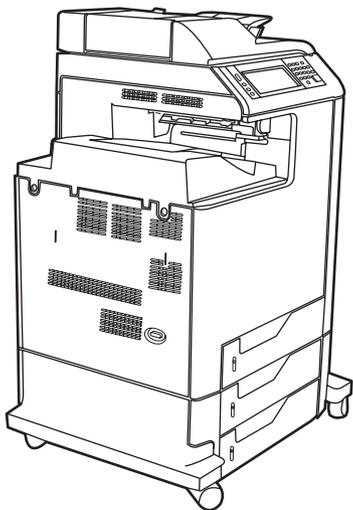
HP Color LaserJet CM4730 MFP



The HP Color LaserJet CM4730 MFP is the base model, and comes standard with the following items:

- 100-sheet multipurpose input tray (tray 1)
- Three 500-sheet input trays
- Automatic document feeder (ADF) that holds up to 50 pages
- HP Jetdirect embedded print server for connecting to a 10/100Base-TX network
- 384 megabytes (MB) of random access memory (RAM)
- Duplexer
- Hard drive

HP Color LaserJet CM4730f MFP



The HP Color LaserJet CM4730f MFP has the same features as the base model and includes an analog fax accessory.

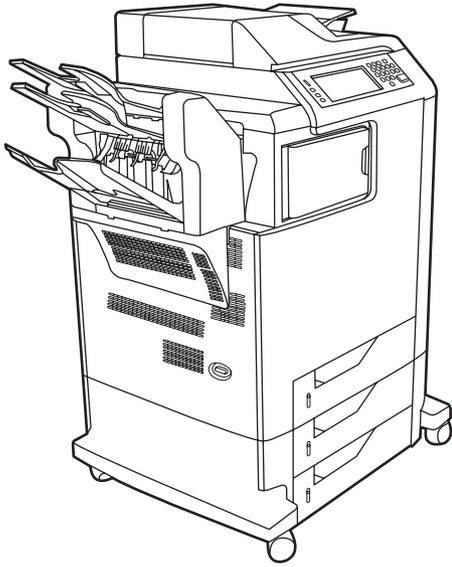
HP Color LaserJet CM4730fsk MFP



The HP Color LaserJet CM4730fsk MFP has the same features as the base model and includes the following items:

- Analog fax accessory
- Output accessory bridge
- Stapler/stacker accessory

HP Color LaserJet CM4730fm MFP



The HP Color LaserJet CM4730fm MFP has the same features as the base model and includes the following items:

- Analog fax accessory
- Output accessory bridge
- 3-bin mailbox accessory

Product features

Functions

- Two-sided copying (duplexing)
- Color digital sending
- Color access control
- Network printing

Speed and throughput

- 31 pages per minute (ppm) when copying and printing on letter-size paper; 30 ppm when copying and printing on A4-size paper
- 25% to 400% scalability when using the scanner glass
- 25% to 200% scalability when using the ADF
- Less than 10 seconds to print the first page
- Transmit Once, Raster Image Processing (RIP) ONCE technology
- Recommended maximum monthly print volume of 85,000 pages
- A 533 megahertz (MHz) microprocessor

Resolution

- 600 dots per inch (dpi) with Resolution Enhancement technology (REt)
- The product features HP FastRes and HP Resolution Enhancement technology (REt) for 1200 x 1200 effective dpi at full engine speed.

Memory

- 384 MB of random-access memory (RAM), expandable to 512 MB by using industry standard 200-pin double data rate dual inline memory modules (DDR DIMMs)
- Memory Enhancement technology (MEt) that automatically compresses data to use RAM more efficiently

User interface

- HP Easy Select Control Panel
- An embedded Web server to gain access to support and order supplies (for network-connected products)
- HP Easy Printer Care software (a Web-based status and troubleshooting tool)
- Internet-enabled supply-ordering capabilities through HP Easy Printer Care software

Languages and fonts

- HP Printer Command Language (PCL) 6
- HP PCL 5
- Printer Management Language
- XHTML
- 80 scalable TrueType typefaces
- HP PostScript® 3 emulation (PS)

Copying and sending

- Modes for text, graphics, and mixed text and graphics formats
- Job-interrupt feature (at copy boundaries)
- Multiple pages per sheet
- Operator attendance animations (for example, jam recovery)
- Scan and send to e-mail
 - Local address book for e-mail and fax
 - LDAP addressing
- Send to folder
- Automatic duplex (two-sided) scanning

Print cartridges (4)

- Print up to 12,000 pages at 5% coverage
- No-shake cartridge design
- Authentic HP print cartridge detection
- Automatic toner-strip remover

Paper-handling

- **Input**
 - **Tray 1 (multipurpose tray):** A multipurpose tray for paper, transparencies, labels, and envelopes. Holds up to 100 sheets of paper or 20 envelopes.
 - **Tray 2, 3, and 4:** 500-sheet trays. These trays automatically detect standard paper sizes up to legal and allow printing on custom-size paper.
 - **Automatic document feeder (ADF):** Holds up to 50 sheets of paper.

- **Duplex printing and copying:** Provides two-sided printing and copying (printing on both sides of the paper).
- **ADF duplex scanning:** The ADF has an automatic duplexer for scanning two-sided documents.
- **Output**
 - **Standard output bin:** The standard output bin is located on the left side of the MFP. This bin can hold up to 500 sheets of paper.
 - **ADF output bin:** The ADF output bin is underneath the ADF input tray. The bin holds up to 50 sheets of paper, and the MFP automatically stops when this bin is full.
 - **Optional stapler/stacker (standard on the CM4730fm MFP):** The stapler/stacker staples up to a 30-sheet document and stacks up to 500 sheets.
 - **Optional 3-bin mailbox (standard on the CM4730fsk MFP):** One bin stacks up to 500 sheets, and two bins stack up to 100 sheets each for a total capacity of 700 sheets.

Connectivity

- IEEE 1284C-compliant parallel connection
- A Foreign Interface Harness (FIH) connection (AUX) for connecting other devices
- Local area network (LAN) connector (RJ-45) for the embedded HP Jetdirect print server
- Optional analog fax card (standard on the CM4730f, CM4730fm, and CM4730fsk MFP models)
- Optional HP Digital Sending Software (DSS)
- Optional enhanced input/output (EIO) cards
- USB 2.0
- ACC port (accessory port with USB host capabilities)
- Accessory port (for connecting third-party devices)

Environmental features

- Sleep setting saves energy (meets ENERGY STAR® guidelines, Version 1.0).

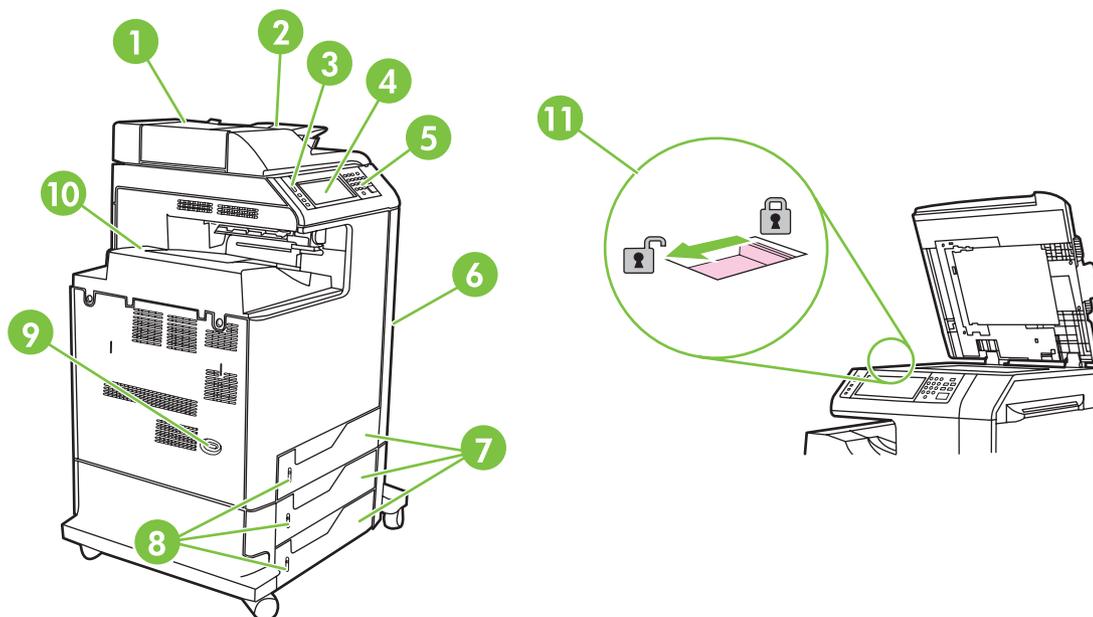
Security features

- FIH
- Secure Disk Erase
- Security lock
- Job retention
- DSS authentication
- Windows® user authentication
- LDAP authentication

- Group PIN authentication (Group 1 and Group 2)
- User PIN authentication

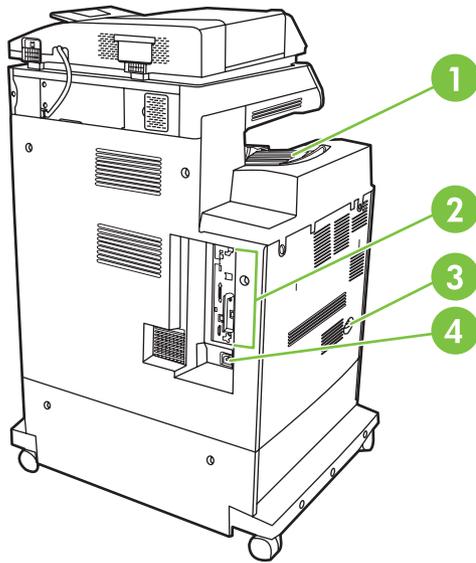
Product walkaround

Front view



1	ADF top cover
2	Automatic document feeder (ADF) input tray for copy/scan/fax originals
3	Control-panel status lights
4	Control-panel display with touchscreen functionality
5	Control-panel keypad
6	Right-side covers (provides access to the print cartridges and other consumables)
7	Tray 2, 3, and 4
8	Paper-level indicators
9	On/Off switch
10	Output bin
11	Scanner lock

Back view



- | | |
|---|------------------|
| 1 | Output bin |
| 2 | Interface ports |
| 3 | On/off switch |
| 4 | Power connection |