



See productivity soar with this high performing Color LaserJet MFP. Create A3 colour documents with excellent line and image quality. Enjoy fast print speeds; print, copy, scan, fax and digital sending functionality plus exceptional ease of use.



HP Color LaserJet  
CM6049f Multifunction  
Printer

**Ideal for workgroups (of 6 to 15 users) and departments (up to 20 users) within large and medium enterprise managed environments who need print, copy, scan, fax and digital sending functionality, up to A3 format as well as high quality colour.**

**Boost workgroup productivity with fast print speeds, more functionality and outstanding performance.**

Increase output with speeds of up to 41 ppm in colour and black, with a first page printed as fast as 12 seconds. Process complex documents quickly with an 835 MHz Microprocessor and 512 MB memory expandable up to 768 MB. Capture documents electronically and speed up workflows with scan-to e-mail, printer, network folder and fax. Enjoy peace of mind with a variety of security solutions including job authentication, encryption and network protection.

**Exceptionally easy to use and manage with an intuitive design and touch screen control panel.**

Find applications fast and experience consistency with the Easy Select<sup>1</sup> control panel's intuitive display. Feature and device management compatibility across your MFP fleet ensure ease of use. Cut costs and save time with HP Web Jetadmin 10.x fleet management software: install, configure and manage remotely, automate routine tasks and track supplies usage. Extend your MFP's capabilities and streamline workflows with 3rd party solutions like integrated capture, job accounting and security.

**Achieve outstanding results with superior colour accuracy and excellent output quality.**

Create high quality colour documents up to A3 that make a big impact with ImageREt 4800. Get exceptional line acuity with up to 1200x600 dpi operating mode, ideal for detailed plans and architectural drawings. Ensure superior colour accuracy with support for colour matching standards and Pantone certification. Produce reliable, consistent, high gloss, colour print quality with improved HP ColorSphere toner. Advanced paper handling options include a booklet maker and a stapler/stacker.

<sup>1</sup> Buyer's Lab gave HP a "Pick of the Year" award in December 2006 for Outstanding Achievement for the User Interface Design of its Multifunction Printers.

## Series at a glance



### HP Color LaserJet CM6049f Multifunction Printer

- HP Color LaserJet M6049f MFP: print and copy speed of up to 40 ppm A4
- up to 1200x600 dpi effective output quality
- 600x600 dpi scan resolution
- 80 GB Hard Disk
- 512 MB RAM expandable up to 1 GB RAM
- 835 MHz processor
- DXP interface for easy integration of solutions
- automatic two-sided printing
- fax
- 4 x 500-sheet input trays for a total of 2100-sheet input capacity

## Recommended accessories



J7972G  
HP 1284B Parallel Card



C8091A  
HP Staple Cartridge Refill



CC383A  
HP 2-pack 2000-staple  
Cartridge



J7989G  
HP High Performance Serial  
ATA Hard Disk



CC517A  
HP 3-bin Stapler/Stacker  
with Output



CC516A  
HP Booklet Maker/Finisher  
with Output



Q3701A  
HP LaserJet MFP Analog Fax  
Accessory 300



J8007G  
HP Jetdirect 690n IPv6/IPSec  
802.11g Wireless Print Server



J8018A  
HP Secure High Performance Hard  
Disk Drive



J8019A  
HP Secure High Performance EIO  
Hard Disk



J7934G  
HP Jetdirect 620n Fast Ethernet  
Print Server

## Operating and warranty specifications

<b>Operating environment</b>	Operating temperature: 15 to 27° C . Recommended operating temperature: 15 to 27° C . Operating humidity: 10 to 80% RH. Operating humidity recommended: 30 to 70% RH . Storage temperature: 0 to 35° C . Storage humidity: 35 to 85% RH. Noise level per ISO 9296: sound power: LwAd6.8 B(A) (active/printing), 7.3 B(A) (active/copy or scan), 4.3 B(A) (ready). Sound pressure: LpAm56.8 dB(A) (active/printing), 57.1 B(A) (active/copy or scan), 40.3 dB(A) (ready)
<b>Certifications</b>	CISPR 22: 2005/EN 55022: 2006 Class B, EN 61000-3-2: 2000 +A2, EN 61000-3-3: 1995+A1, EN 55024: 1998+A1 +A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries . Regulatory standards: IEC 60950-1 (International), EN 60950-1 +A11 (EU), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), GS License (Europe), EN 60825-1+A1+A2 Class 1, 21 CFR Ch. 1/SubCh. J and Laser Notice#50 (July 26th 2001)(Class 1 Laser/LED Device) GB4943-2001, Low Voltage Directive 2006/95/EC with CE Marking (Europe). Other safety approvals as required by individual countries . ENERGY STAR: Yes
<b>Warranty</b>	90 days, parts only. Warranty and support options vary by product, country and local legal requirements.

## Ordering information



### HP Color LaserJet CM6049f Multifunction Printer (CE799A)

HP Color LaserJet CM6049f MFP, documentation CD, Euro and UK plug power cord, fax cable, Control Panel Overlay, and the Cyan, Magenta, Yellow and Black Toner Cartridges already installed within the device.

## Accessories, Supplies and Support

### Accessories

<b>J7972G</b>	HP 1284B Parallel Card
<b>C8091A</b>	HP Staple Cartridge Refill
<b>CC383A</b>	HP 2-pack 2000-staple Cartridge
<b>J7989G</b>	HP High Performance Serial ATA Hard Disk
<b>CC517A</b>	HP 3-bin Stapler/Stacker with Output
<b>CC516A</b>	HP Booklet Maker/Finisher with Output
<b>T1936AA</b>	HP MFP Digital Sending Software 4.0
<b>Q3701A</b>	HP LaserJet MFP Analog Fax Accessory 300
<b>J8018A</b>	HP Secure High Performance Hard Disk Drive
<b>J8019A</b>	HP Secure High Performance EIO Hard Disk

### Supplies

<b>CE830C</b>	HP Color LaserJet CE830C Contract Black Print Cartridge
<b>CE301C</b>	HP Color LaserJet CE301C Contract Cyan Print Cartridge
<b>CE302C</b>	HP Color LaserJet CE302C Contract Yellow Print Cartridge
<b>CE303C</b>	HP Color LaserJet CE303C Contract Magenta Print Cartridge
<b>CE304C</b>	HP Color LaserJet CE304C Contract Black Image Drum
<b>CE305C</b>	HP Color LaserJet CE305C Contract Cyan Image Drum
<b>CE306C</b>	HP Color LaserJet CE306C Contract Yellow Image Drum
<b>CE307C</b>	HP Color LaserJet CE307C Contract Magenta Image Drum
<b>CE487A</b>	HP Color LaserJet CE487A ADF Roller Kit

### Connectivity

<b>C6518A</b>	HP USB Cable, 2m
<b>J8007G</b>	HP Jetdirect 690n IPv6/IPSec 802.11g Wireless Print Server
<b>J7934G</b>	HP Jetdirect 620n Fast Ethernet Print Server

### Service & support

<b>UP836E</b>	HP Care Pack, Next Business Day Hardware Support, 5 years
<b>UP837E</b>	HP Care Pack, Next Business Day Hardware Support, 4 years
<b>UP838E</b>	HP Care Pack, Next Business Day Hardware Support, 3 years
<b>UP839E</b>	HP Care Pack, Next Business Day Hardware Support, 1 year
<b>UP840PE</b>	HP Care Pack, Post Warranty Next Business Day Hardware Support, 1 year

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com>

For workflow, device management and other solutions, please visit the Global Solutions catalog: [www.hp.com/go/gsc](http://www.hp.com/go/gsc)

\* Declared yield value in accordance with ISO/IEC 19798



## Technical specifications

<b>Print technology</b>	Color Laser			
<b>Print speed</b>	A4:black:Up to 41 ppm, color:Up to 41 ppm. A3:Up to 23.5 ppm. First page out black,< 11.5 sec (from ready), colour:< 11.5 sec (from ready). Warm-up time:less than112 sec Exact speed varies depending on the system configuration, software program and document complexity.			
<b>Processor</b>	835 MHz . PMC-Sierra RM7965 64-bit Microprocessor			
<b>Memory</b>	512 MB. Hard Disk Capacity:Standard, 80 GB			
<b>Print</b>	Quality	HP ImageREt 4800		
	Resolution	Black:Up to 1200 x 600 dpi , Color:Up to 1200 x 600 dpi		
	Printer languages	HP PCL 5, HP PCL 6, HP Postscript level 2 emulation (default), HP Postscript level 3 emulation is supported		
	Economical printing	Two-sided printing and N-up printing/copying (saves paper), Colour Access Control (printing/copying in black saves toner)		
	Typefaces/fonts	Set of 80 HP fonts (plus Greek, Hebrew, Cyrillic, Arabic)		
	Duty cycle (monthly, A4)	Up to 200000 pages		
	Recommended monthly page volume	8000 to 15000		
	Print margins (mm)	Top:4.2 mm . Left:4.2 mm . Right:4.2 mm . Bottom:4.2 mm		
	Maximum print area	316 x 453.2 mm		
<b>Fax</b>	Modem speed	13 sec per page		
	Telecom compliance	ES 203 021, R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe), FCC Part 68, Industry Canada CS03, NOM-151-SCTI-1999 (Mexico), PTC200 (New Zealand), AS/ACIF S002: 2001 (Australia), IDA PSTN1 (Singapore), TPS002-01 (Malaysia), IG 0005-11 (Taiwan), HKTA 2011 (Hong Kong SAR), YD514, YD/T589, YD703, GB3382 (China), other Telecom approvals as required by individual countries		
	Fax memory	Dependent on available free disk space		
	Fax resolution	Standard:100 x 100 dpi. Superfine:300 x 300 dpi		
	Quick dialing	Up to 100 (each can contain 100 numbers)		
<b>Digital sending</b>	File formats	PDF, JPEG, TIFF, or MTIFF. (OCR supports PDF, TEXT, RTF (Microsoft® Word® Compatible), XML, HTML; send to workflow (DSS) supported file types include XML, searchable PDF, TXT, RTF (Microsoft® Word® Compatible), HTML, PDF, JPEG, TIFF, and MTIFF)		
	Features	Standard:Scan to folder (includes shared address book for fax), scan direct to e-mail server, send to e-mail, analog fax, LDAP e-mail addressing; authentication: Windows® negotiated (Kerberos and NTLM), group 1 and group 2 PIN, LDAP, authentication manager. Optional:Advanced digital sending capabilities via optional HP Digital Sending Software		
<b>Scan</b>	Type	Flatbed, ADF . Colour scanning:Yes		
	Scan resolution	Optical:Up to 600 dpi		
	Bit depth	30-bit		
	Grey scale levels	256		
	Scannable area	Minimum media size:12.7 x 12.7 cm. Maximum media size:29.7 x 43.2 cm		
	Margins for scanned items	Left:4.2. Top:4.2. Right:4.2. Bottom:4.2		
<b>Copy</b>	Copy speed	Up to 41 cpm		
	Copy resolution	Up to 600 x 600 dpi		
	Multiple copies	Up to 999		
	Reduce/enlarge	25 to 400%		
<b>Media handling</b>	<b>Input:</b>	<b>Capacity</b>	<b>Weight</b>	<b>Size</b>
	Tray 1	sheets 100, envelopes 10	60 to 220 g/m <sup>2</sup>	A3, A4, A4-R, A5, A6, RA3, SRA3, B4 (JIS), B5 (JIS), B6 (JIS), 8K, 16K, D postcard, envelopes (#9, #10, Monarch, B5, C5, C6, DL); 99 x 140 mm to 320 x 457 mm
	Tray 2	sheets: 500	60 to 220 g/m <sup>2</sup>	A3, A4, A4-R, A5, B4 (JIS), B5 (JIS), 8K, 16K; 148 x 210 mm to 297 x 432 mm
	Tray 3	sheets: 500 (same for Tray 4 and Tray 5)	60 to 220 g/m <sup>2</sup> (same for Tray 4 and Tray 5)	A3, A4, A4-R, A5, RA3, SRA3, B4 (JIS), B5 (JIS), 8K, 16K; 148 x 210 mm to 320 x 457 mm (same for Tray 4 and Tray 5)
	ADF	sheets: 50	60 to 220 g/m <sup>2</sup>	A3, A4, B4, B6
	<b>Output:</b>	Sheets: Up to 500-sheet without finisher		
	Duplex printing:Automatic (standard)			
<b>Media types</b>	Paper (bond, recycled, glossy, mid-weight, heavy, heavy glossy, extra heavy, extra heavy glossy, tough, rough), transparencies, labels, envelopes, cardstock			
<b>Interface and connectivity</b>	Hi-Speed USB 2.0 device port, one open EIO slot, HP Jetdirect Gigabit Ethernet embedded print server, fax port, Foreign Interface Harness (FIH) port, PCI express. Optional:HP Jetdirect EIO internal print servers, HP Jetdirect external print servers, wireless print server, printer adaptor			
<b>Operating systems compatibility</b>	Microsoft® Windows® Server 2003, XP; Windows Vista®; Mac OS X v10.2.8, v10.3, v10.4 and higher. Updated drivers and other valuable product information for the HP Color LaserJet CM6040 MFP will be available on the HP Customer Care Web site <a href="http://www.hp.com/support">http://www.hp.com/support</a>			
<b>Network operating systems compatibility</b>	Microsoft® Windows® Server 2003, XP, 2003 64-bit, XP 64-bit; Windows Vista®, 64-bit (For Microsoft® IPv6 compatible with Microsoft® Windows® 2003, XP, and Windows Vista®); Novell® 5.1 or higher; Mac OS X v10.2, v10.3, v10.4 or higher; RED HAT Linux 7.x or higher; SUSE linux 8.x or higher; HP-UX 10.20, 11.x, 11.i; Solaris® 2.5 or higher (SPARC® systems only); IBM® AIX 3.2.5 or higher; MPE-iX; Citrix® MetaFrame Server; Windows® Terminal Services			
<b>Minimum system requirements</b>	Microsoft® Windows® XP: 333 MHz processor with 128 MB RAM, Microsoft® Windows® Server 2003: 550 MHz processor with 128 MB RAM; Windows Vista®: 800 MHz processor with 512 MB RAM; CD-ROM/DVD drive, Internet connection, USB or network port connection. Mac OS X v10.2.8, v10.3, v10.4 and higher with 128 MB RAM, CD-ROM, 160 MB of free hard disk space (For Mac OS v10.4 and higher, PowerPC and Intel® Core Processor Macs are supported)			
<b>Control panel</b>	5 LED indicator lights, 10-key numeric pad, graphical touch screen display (192 x 72 mm) 640 x 240 resolution with adjustable contrast			
<b>Power</b>	Requirements:Input voltage 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), 10.5 amp; 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), 5.5 amp. Consumption:881 watts maximum (active/printing), 920 watts maximum (active/copy or scan), 230 watts maximum (ready), 208 watts maximum (sleep1), 24.5 watts maximum (sleep2), 0.24 watts maximum (off); Typical Electricity Consumption (TEC): 15.24 kWhr/Week*. *115 VAC unit tested. Data from colour simplex printing and copying.			
<b>Dimensions (w x d x h)</b>	Out of package:704 x 673 x 988 mm. Packaged:935 x 800 x 1210 mm			
<b>Weight</b>	Out of package:144.91 kg. Packaged:159.96 kg			
<b>Printer management</b>	HP Toolbox, HP Web Jetadmin, HP Embedded Web Server			
<b>Security management</b>	SNMPv3, SSL/TLS, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication. Support for WJA-10 IPsec Configuration using IPsec Plug-in			

<http://www.hp.com/uk>



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