

Power-packed and affordable colour laser printer  
that delivers brilliant results

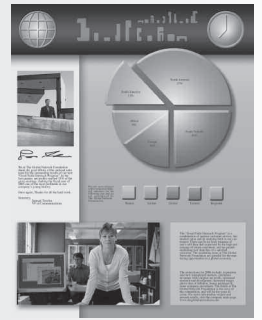
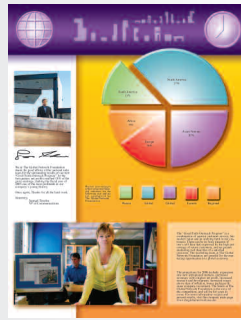
HP Color LaserJet CP4005 printer series



# Colour simply communicates more clearly and vividly

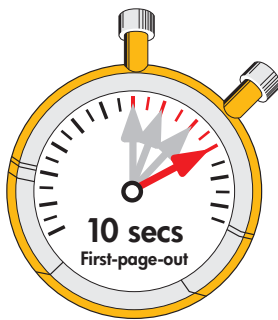
- ✓ Performance at the right price
  - 25 page-per-minute for colour
  - 30 page-per-minute for black-and-white
- ✓ Simple to use and maintain
- ✓ Brilliant colour communications
- ✓ Solid and reliable printing

Colour conveys information more effectively than black-and-white



Colour highlights the difference more visibly than black-and-white

## HP Instant-on technology saves time and increases print productivity



## Performance at an affordable price

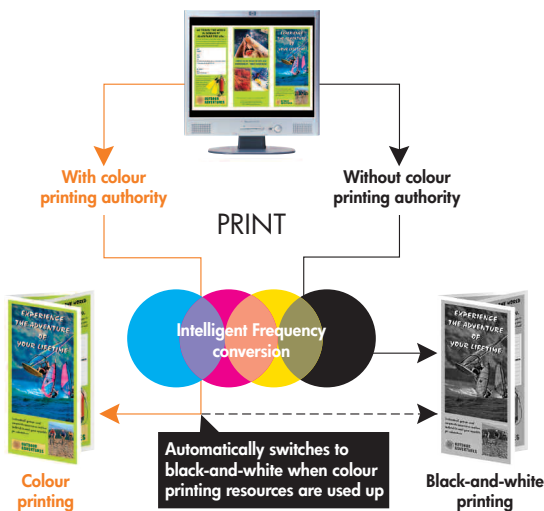
- **HP Instant-on technology.** No warm-up time with a fast first-page-out in 10 seconds from Ready mode.
- **Fast print speeds.** Get up to 25 page-per-minute (ppm) for colour and up to 30 ppm for black-and-white.
- **High capacity Original HP print cartridges** give you real value with up to 7,500 pages of colour and black-and-white documents.
- **Save costs with duplex printing.** The automatic two-sided printing<sup>1</sup> feature reduces printing costs and enhances printer's input capacity.
- **Print only what you need.** Printing business documents and marketing collateral in-house lets you control the entire process, eliminating wastage and storage costs.
- **HP colour access control.** Decide who prints in colour and when. With its robust features, you can monitor and manage colour printing costs effectively.

## HP colour access control lets you manage colour printing costs

### HP offers more colour access control features

Does your printer allow you to...	With HP
assign colour access by user, group or application?	✓*
disable colour completely via device's user interface, embedded web server, and management utility?	✓*
allocate pre-configured black-and-white only drivers?	✓
set print and copy limits on specific users or groups?	✓*
monitor colour usage by job, user or device?	✓
access usage reports by user, workgroup, client or project?	✓
gather all necessary information from your device via an easy-to-use reporting tool?	✓




\* Available in HP Color LaserJet 2700, 3000 series, 3800 series, 4700 series, 5550 series.



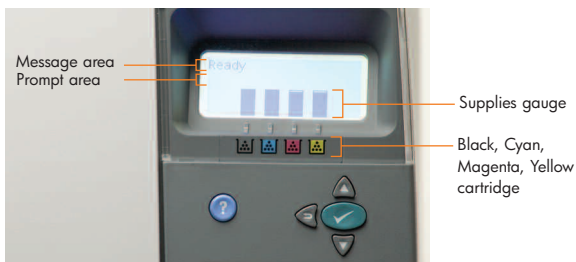
<sup>1</sup> Two-sided printing unit is standard on the CP4005dn only and is not available as an option on the CP4005n.

# Advantages of HP laser imaging technology

Understand how HP laser imaging technology works better than printers using wax-based solid ink and LED (Light Emitting Diodes) technologies, and why HP Color LaserJet printers save time and money for your business.

12 points text in default mode (magnified)		
		
HP laser imaging technology	LED technology	Solid ink technology
<ul style="list-style-type: none"> <li>• <b>Fast:</b> First-page-out in 10 seconds from Ready mode with HP Instant-on technology</li> <li>• <b>Easy maintenance:</b> Toner and imaging drum are integrated, making it easy to replace cartridges</li> <li>• <b>Quality and reliability assured:</b> The printing system is being refreshed each time a cartridge is replaced, ensuring sharp printouts and smooth printer operation</li> <li>• <b>Low cost:</b> Save cost with less replacement parts and long-life consumables</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Poor print quality:</b> Horizontal streaks in solid fills, lacks detail and colour consistency</li> <li>• <b>Difficult access to paper path:</b> Need to remove several consumables, including light-sensitive imaging units to clear paper jams</li> <li>• <b>High maintenance:</b> LED lens must be cleaned periodically to prevent output quality degradation</li> </ul>	<ul style="list-style-type: none"> <li>• <b>High power consumption:</b> Longer warm-up time needed to activate printer from Sleep mode</li> <li>• <b>Ink clogs and wastage:</b> Wax-based inks are heated and melted first and purged through the nozzles using inks</li> <li>• <b>Damage-prone:</b> Printouts are susceptible to scratches</li> <li>• <b>Poor resistance to heat:</b> Wax-based inks may bleed through paper</li> </ul>

## Intuitive control panel provides timely information at a glance

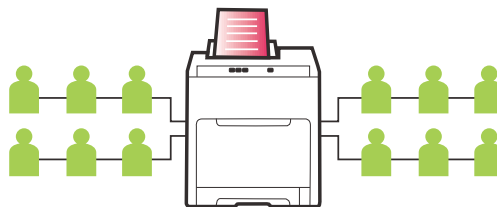


## Convenient front door access with minimal tray protrusion



## Exceptionally easy to use and maintain

- **Intuitive control panel.** The control panel displays user-friendly information like job status and print cartridge levels.
- **Fuss-free operation.** With high-volume cartridges, you replace them less often. And with the print cartridge, toner and imaging drum integrated into one supply, you refresh the imaging system every time you insert a new cartridge.
- **Simplicity in design.** Convenient front door access allows you to replace cartridges easily.
- **Less user intervention.** With an optional 500-sheet input tray to increase input capacity to 1,100 sheets, you can print more pages and spend less time replenishing paper.
- **Keep operating costs down.** Because HP Color LaserJet CP4005 printer series is simple to operate, needs little maintenance and requires fewer supplies, it delivers a quick return on your investment.
- **Easy set-up and configuration.** Built-in HP Jetdirect Fast Ethernet networking and HP installation software make network device configuration fast and simple.



Built-in network features let you share resources with the entire workgroup and enhance office productivity.

## HP network management solutions

HP Universal Print Driver communicates directly with multiple devices, gathers configuration information, and customises the user interface to show the devices' unique features



With HP printer management tools, you can log on to any web browser anywhere, and...



Remotely install, monitor and troubleshoot network connected printers with HP Web Jetadmin



Manage up to 15 printers with HP Easy Printer Care Software which allows you to track print supplies levels, get alerts when the printers need attention and more



Manage printing functions from your computer through HP Embedded Web Server

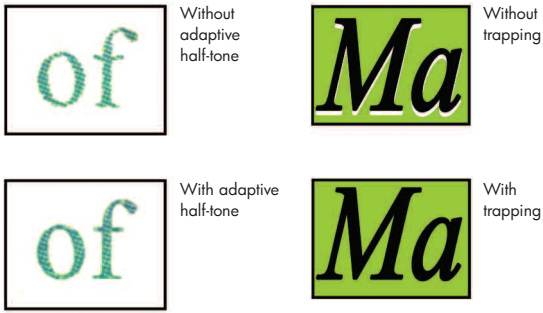


Solve problems and obtain support information via the HP website with HP Instant Support Professional Edition

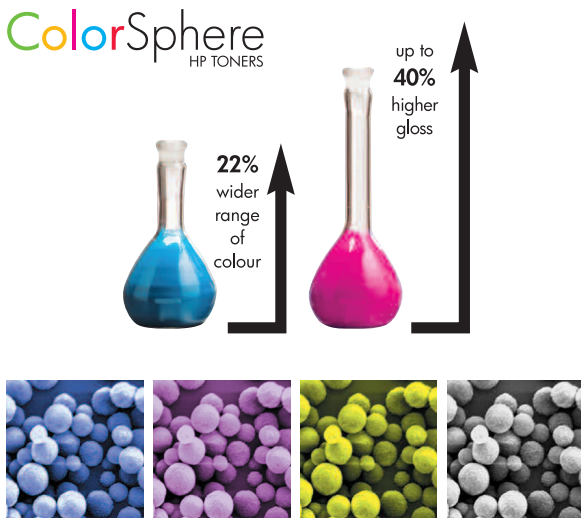


Order supplies online with HP SureSupply. Find out more at [www.hp.com/apac/suresupply](http://www.hp.com/apac/suresupply)

## Edge enhancements for crisp, sharp text and lines



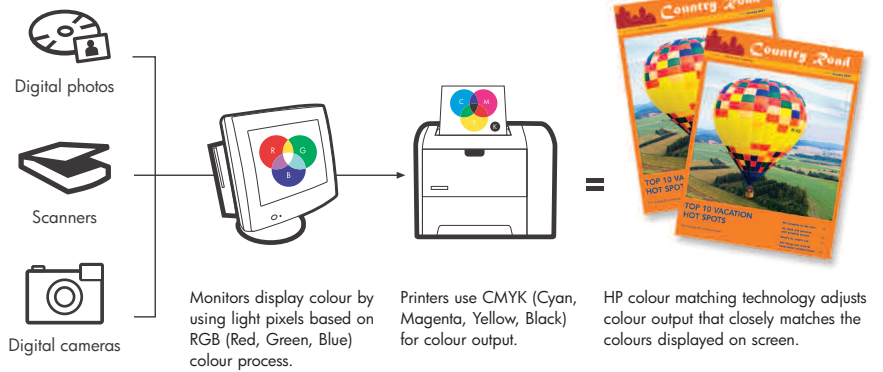
## HP ColorSphere toner delivers more colour<sup>2</sup> and higher gloss<sup>3</sup>



## Brilliant print quality

- **Create professional-looking documents.** HP Color LaserJet CP4005 printer series balances superb print quality and fast speed, so you can create high-quality marketing materials in-house that save you time and money.
- **High-quality colour printing with HP ImageREt 3600.** You can capture the finer differences in colour and image depth to reveal more natural, realistic images.
- **Automatic colour calibration with HP Smart printing technology<sup>1</sup>.** Ensures optimised print quality and reliability, page after page.
- **More colours<sup>2</sup>, higher gloss<sup>3</sup> levels with HP ColorSphere toner.** Increased dynamic range of colours and glossy finish make documents brighter and more impactful.
- **Edge enhancements** deliver crisp, clear text and lines, achieved through precise edge control.
- **Effective colour matching technology** enables you to achieve brilliant colour quality that comes close to your monitor screen.

## Built-in colour matching capability



## Create impressive business documents and marketing materials in-house



Tap on available templates at [www.hp.com/sbso/productivity/office/index.html](http://www.hp.com/sbso/productivity/office/index.html), and start to create your own.



## Why print more in-house?

Boost the impact of your business documents, and create stunning brochures and marketing materials in-house with the HP Color LaserJet CP4005 printer series. You'll also benefit from not outsourcing because printing in-house enables you to:

- **Print the quantities you need.** Achieve professional quality colour output in the quantities you need and whenever you need, without having to meet minimal print volumes set by offset printers.
- **Print in-house and keep documents safe.** Protect confidential information like new product specifications or company earnings by printing in-house, and keep content security risk low.
- **Meet timelines and save.** Print colour materials instantly without relying on timeline of offset printers.
- **Customise and create what you need.** Printing colour business documents in-house gives you the flexibility to customise and make last minute changes, and avoid errors from outsourced print jobs.

Get online tips and step-by-step instructions from HP Marketing Assistant Software at [www.hp.com/go/marketingassistant](http://www.hp.com/go/marketingassistant)

<sup>1</sup> Using genuine HP supplies ensures availability of all HP printing features.

<sup>2</sup> HP ColorSphere toner achieves a 22% wider colour gamut on a HP Color LaserJet 4700 printer with HP Superior Laser Paper 160 Glossy over HP Color LaserJet 4650 printer. Percentage improvement based on internal testing using a native printer gamut.

<sup>3</sup> HP ColorSphere toner achieves up to 40% higher gloss using high-gloss mode on a HP Color LaserJet 4700 printer with HP Laser Photo Paper, Glossy over HP's award-winning HP Color LaserJet 4650 printer (Best Network Color Laser of 2004, PC Magazine, 12/04). Percentage improvements based on internal testing using Industry Standard 75 degree Gloss Meter.

### Amazing facts about HP reliability

Using over 300 different types of media, HP reliability testing is so extensive that each month the amount of paper used would form a stack 6,000 feet high – five times higher than the Empire State Building! This is to ensure consistently high quality output and trouble-free printing page after page.



## HP reliability you can rely on

- **Renowned HP LaserJet quality and reliability.** Awarded by PC Magazine's Service and Reliability Survey (September 2006) with an "A" rating for 15 years running.
- **HP's award-winning reliability, customer service and support** with one-year limited warranty including 24/7 e-Support and phone support.
- **Hassle-free printing.** Using Original HP print cartridges with HP LaserJet printers deliver optimal performance and ensure impressive print results.
- **Low cost of ownership.** Before making a purchase decision, it is essential to evaluate the variable factors that constitute the total cost of ownership. By providing quality products and services, HP offers significant cost savings and unmatched reliability that ultimately lower the cost of ownership.

## Why considering Total Cost of Ownership is important?

Taking in consideration the Total Cost of Ownership (TCO) is crucial before you make a purchase decision. TCO factors all costs including the initial investment, support, maintenance and supplies costs. By knowing how each variable impacts on TCO, you will understand it is more than just the initial cost of owning a printer. HP looks at all variable factors that constitute TCO and by providing quality products and services, you can enjoy significant cost savings and unmatched reliability that will help lower your TCO.

## What constitutes Total Cost of Ownership?

### End-user operation/ lack of availability

Costs for training, maintenance, finishing, installation, configuration, downtime and other alternative solutions

### Infrastructure

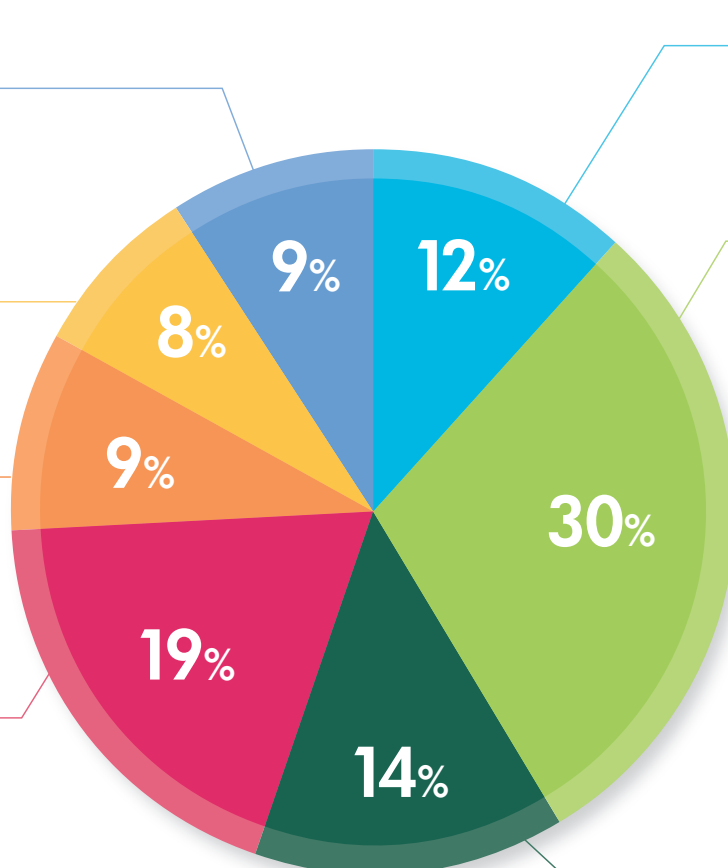
Costs for planning the deployment of hard-copy devices, physical space and upgrades

### Network management/Admin

Costs for network and asset management, administration, installation and configuration

### Consumable

Costs for papers, toners, drum units and maintenance kits



### Maintenance/ support

Costs for maintenance contract, warranty/support and help desk

### Hardware

Costs for acquisition and hardware upgrades

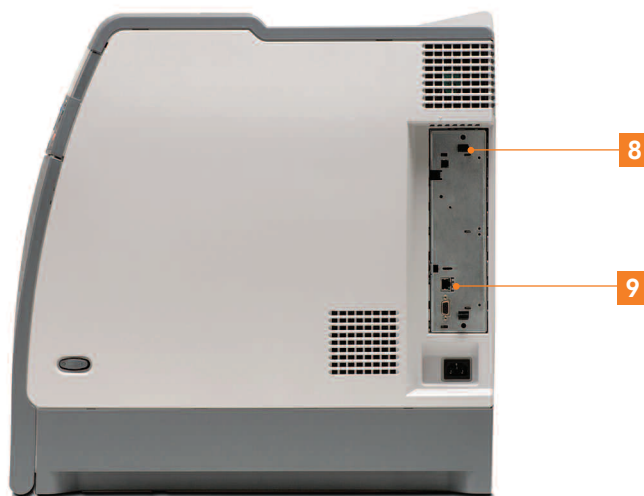
### Software

Costs for licenses, support licenses, upgrades and customisation of printing systems or print-enabling softwares

# HP Color LaserJet CP4005 printer series



HP Color LaserJet CP4005dn Printer shown



- 1 Automatic two-sided printing unit offers efficient duplexing at full engine speed (CP4005dn only)
- 2 Top cover
- 3 Front door allows convenient access to four, all-in-one HP print cartridges
- 4 100-sheet multipurpose tray handles heavy custom media up to 220 g/m<sup>2</sup> (58 lb bond)
- 5 500-sheet tray 2
- 6 Optional 500-sheet tray 3

- 7 Control panel simultaneously displays up to four lines of text and animated graphics
- 8 Hi-Speed USB 2.0 port
- 9 HP Jetdirect Fast Ethernet embedded print server

## Series at a glance



HP Color LaserJet CP4005n Printer



HP Color LaserJet CP4005dn Printer

Part number	HP Color LaserJet CP4005n Printer	HP Color LaserJet CP4005dn Printer
100-sheet multipurpose tray 1	√	√
500 sheet input tray 2	√	√
Memory	128 MB, expandable to 512 MB	256 MB, expandable to 512 MB
HP Jetdirect Fast Ethernet print server	√	√
Built-in automatic two-sided printing	not available	√

# HP Color LaserJet CP4005 printer series



Technical specifications	HP Color LaserJet CP4005n Printer (CB503A)	HP Color LaserJet CP4005dn Printer (CB504A)
Print speed	Up to 30 ppm black-and-white, up to 25 ppm colour <sup>1</sup> (A4 and letter)	
First page out	As fast as 10 seconds	
Print resolution	HP ImageREt 3600	
Processor	533 MHz MIPS	
Memory		
Standard/Maximum	128 MB RAM/512 MB RAM	256 MB RAM/512 MB RAM
Durability rating	<b>Recommended monthly page volume:</b> 2,000 to 7,500 <sup>2</sup> ; <b>Duty cycle:</b> Up to 80,000 <sup>3</sup>	
Paper		
Handling	100-sheet multipurpose tray 1, 500-sheet tray 2, optional 500-sheet tray 3	
Output	500-sheet face-down output bin	
Duplex printing	Manual two-sided printing	Automatic two-sided printing unit
Sizes	<b>100-sheet multipurpose tray 1:</b> 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in); letter, legal, statement, executive, A4, A5, B5 (JIS), executive (JIS), DPostcard (JIS), 16k, envelopes (No. 10, Monarch, C5, DL, B5) <b>Automatic two-sided printing unit and 500-sheet input trays:</b> 148 x 210 mm (5.8 x 8.3 in) to 216 x 356 mm (8.5 x 14 in); letter, legal, executive, A4, B5 (JIS)	
Weights	<b>100-sheet multipurpose tray 1:</b> 60 to 220 g/m <sup>2</sup> (16 to 58 lb bond) <b>500-sheet tray 2 and optional 500-sheet tray 3:</b> 60 to 120 g/m <sup>2</sup> (16 to 32 lb bond) <b>Automatic two-sided printing unit:</b> 60 to 120 g/m <sup>2</sup> (16 to 32 lb bond)	
Types	<b>100-sheet multipurpose tray 1:</b> paper (plain, glossy, coloured, preprinted, letterhead, recycled, HP tough, and high gloss laser), envelopes, transparencies, labels, cardstock <b>500-sheet input trays:</b> paper (plain, glossy, coloured, preprinted, letterhead, recycled, HP tough, and high gloss laser), transparencies, labels	
Connectivity		
Interfaces	Hi-Speed USB 2.0 port, HP Jetdirect Fast Ethernet embedded print server	
Languages and fonts	HP PCL6, HP PCL5c, HP postscript level 3 emulation, direct PDF printing v 1.4, 93 internal TrueType fonts scalable in HP PCL and HP postscript level 3 emulation	
Operating systems	Windows 2000, XP Home, XP Professional, XP Professional x64, Server 2003; Mac OS X v10.3.9, v10.4 or later; PowerPC G3, G4, G5, and Intel Core processor	
Network protocols	TCP/IP, IP Direct Mode, LPD printing, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP, Auto-IP, Apple Bonjour compatible (Mac OS v 10.2.4 and higher) <b>For external value-featured print servers:</b> TCP/IP, IPX/SPX direct mode, AppleTalk, IP Direct Mode, LPD printing, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP, Auto-IP, Apple Bonjour compatible (Mac OS v 10.2.4 and higher) <b>For external full-featured print servers:</b> TCP/IP, IPX/SPX, AppleTalk, DLC/LLC, IP Direct Mode, LPD, FTP Printing, IPP, Netware NDS, Bindery, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP, Auto-IP, Apple Bonjour Compatible (Mac OS v 10.2.4 and higher)	
Dimensions (w x d x h)	521 x 598 x 582 mm (20.5 x 23.5 x 22.9 in)	521 x 598 x 628.6 mm (20.5 x 23.5 x 24.7 in)
Weight	47.7 kg (105.1 lb)	48.9 kg (107.8 lb)
What's in the box	HP Color LaserJet CP4005n printer, 100-sheet multipurpose tray 1, 500-sheet input tray 2, power cable, software drivers and documentation on CD-ROM, in-box documentation (Getting Started Guide), full-capacity 7,500-page <sup>4</sup> black, cyan, magenta, and yellow HP Color LaserJet print cartridges with HP ColorSphere toner, HP Jetdirect Fast Ethernet embedded print server	HP Color LaserJet CP4005dn Printer, 100-sheet multipurpose tray 1, 500-sheet input tray 2, power cable, software drivers and documentation on CD-ROM, in-box documentation (Getting Started Guide), full-capacity 7,500-page <sup>4</sup> black, cyan, magenta, and yellow HP Color LaserJet print cartridges with HP ColorSphere toner, HP Jetdirect Fast Ethernet embedded print server
Environmental ranges	Maximum: 10 to 30 degrees C (50 to 86 degrees F) 10 to 80 percent relative humidity Recommended: 17 to 25 degrees C (62.6 to 77 degrees F) 30 to 70 percent relative humidity	
Altitude	0 to 2300 m (0 to 7500 ft)	
Sound power	Power: active: 6.7 B(A); Ready: 7.7 B(A)	
Bystander sound pressure	Pressure (bystander): active: 50 dB(A), standby: 31 d(B)A	
Power consumption <sup>5</sup>	110-volt models 110 to 127 V (±10 percent), 50/60 Hz (±2 Hz) 220-volt models 220 to 240 V (±10 percent), 50/60 Hz (±2 Hz) Typical Electricity Consumption (TEC): 4.615 kWh/Week Active 567 watts Standby 55 watts PowerSave 17 watts Off 0.3 watts	
Power certifications	<b>EMC:</b> CISPR 22: 1993/A1, A2; EN 55022: 1994/A1, A2 Class B; EN 61000-3-2: 2000; EN 61000-3-3: 1995/A1; EN 55024: 1998/A1, A2; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 4/GB9254-1998, GB17625.1-1998; EMC Directive 89/336/EEC, the Low Voltage Directive 73/23/EEC and carries the CE-Marking accordingly <b>Safety:</b> Argentina (TUV S Mark-Rs.92/98/Ds.1009/98), Australia (AS/NZ 3260), Canada (cUL-CAN/CSA C22.2 No.60950-00), China (GB4943), Czech Republic (CSN-IEC 60950-IEC 60825-1), Estonia (EEI-EN60950-IEC 60825-1), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV-EN60950-IEC 60825-1), Hungary (MEEIEC 60950-IEC 60825-1), Lithuania (LS-IEC 60950-IEC 60825-1), Mexico (NOM NYCE-NOM 019 SCFI), Poland (B Mark-IEC 60950-IEC60825-1), (Russia (GOST-R50377), Slovakia (IEC 60950-IEC60825-1), Slovenia (SQI-IEC 60950-EN60825-1), South Africa (IEC 60950-IEC60825-1), USA (UL-UL 60950; FDA-21 CFR Chapter 1 Subchapter J for lasers); Class 1 Laser/LED Product	
Warranty	One-year, next-day, onsite warranty; no installation	
HP SureSupply enabled	To learn more, please visit <a href="http://www.hp.com/apac/suresupply">www.hp.com/apac/suresupply</a>	

<sup>1</sup> Exact speed varies depending on the system configuration, software application, driver and document complexity.

<sup>2</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

<sup>3</sup> 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.

<sup>4</sup> All print cartridge page yields are based at five percent page coverage. Declared yield value in accordance with ISO/IEC 19752. For more information, visit [www.hp.com/go/pageyield](http://www.hp.com/go/pageyield).

<sup>5</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer or visit us at [www.hp.com](http://www.hp.com)

#### HP Customer Information Centre (for product information)

Australia	13 23 47
China	800 820 2255
Hong Kong	800 938 833
India	1600 425 4999 (from MTNL/BSNL LAN line) 3030 4499 (from mobile)
Indonesia	0800 1111 222
Korea	080 703 0700
Malaysia	1800 88 4848
New Zealand	0800 733 547
Philippines	1800 1441 6688
Singapore	1800 278 8100
Taiwan	0800 236 686
Thailand	+662 353 9000
Vietnam	+848 930 2814
Bangladesh, Bhutan, Brunei, Cambodia, Maldives, Nepal, Pakistan, Sri Lanka: Fax +65 6275 6707	

#### HP Customer Care Centre (for post-sales service)

Australia	13 10 47
China	800 810 3888
Hong Kong	+852 3002 8555
India	1600 112 267
Indonesia	+62 21 350 3408
Korea	+82 23270 0700
Malaysia	1800 805 405
New Zealand	0800 449 553
Philippines	+63 2 867 3551
Singapore	+65 6 272 5300
Taiwan	+886 2 8722 8000
Thailand	+662 353 9000
Vietnam	+848 823 4530

#### Ordering information

Product	Number
HP Color LaserJet CP4005n Printer	CB503A
HP Color LaserJet CP4005dn Printer	CB504A
<b>Paper handling</b>	
HP 500-sheet paper input tray 3	Q7499A
HP printer stand	Q7501A
<b>HP print cartridges with HP ColorSphere toner<sup>9</sup></b>	
HP Color LaserJet Black Print Cartridge (7,500 pages)	CB400A
HP Color LaserJet Cyan Print Cartridge (7,500 pages)	CB401A
HP Color LaserJet Yellow Print Cartridge (7,500 pages)	CB402A
HP Color LaserJet Magenta Print Cartridge (7,500 pages)	CB403A
<b>Connectivity</b>	
HP Jetdirect ew2400 802.11g Wireless and Fast Ethernet external print server (USB 2.0)	J7951G
HP Jetdirect en3700 Fast Ethernet external print server (USB 2.0)	J7942G
<b>Memory</b>	
128 MB 200-pin DDR DIMM	Q7721A
256 MB 200-pin DDR DIMM	Q7722A
512 MB 200-pin DDR DIMM	Q7723A
<b>Cables</b>	
HP USB 2.0 printer cable a-b, 2 meter (6 feet)	C6518A
<b>Maintenance kits</b>	
110 V fuser kit	Q7502A
220 V fuser kit	Q7503A
Transfer kit	Q7504A
<b>Service and support</b>	
Onsite installation	H4515A/E
Onsite installation and network configuration	H2872A/E
3-year, next day onsite	H3113A/E
3-year, 9x5 same day onsite	U3795A/E
3-year, 13x5 same day onsite	H3118A/E
<b>Paper</b>	
Asia Pacific: <a href="http://www.hp.com/apac/printingsupplies">www.hp.com/apac/printingsupplies</a>	
Asia: 65-6253-8500	
Australia and New Zealand: 61-2997-2299LAR	
<b>Printer software</b>	
HP Web Jetadmin: <a href="http://www.hp.com/go/webjetadmin">www.hp.com/go/webjetadmin</a>	
HP Easy Printer Care Software: <a href="http://www.hp.com/go/easyprintercare">www.hp.com/go/easyprintercare</a>	
HP Universal Print Driver for Windows: <a href="http://www.hp.com/go/universalprintdriver">www.hp.com/go/universalprintdriver</a>	
HP Install Network Printer Wizard: <a href="http://www.hp.com/go/inpw_sw">www.hp.com/go/inpw_sw</a>	
<b>Solutions</b>	
<a href="http://www.hp.com/go/gsc">www.hp.com/go/gsc</a>	



Energy Star and the Energy Star logo are U.S. registered marks of the United States Environmental Protection Agency. Microsoft, Windows, Windows NT, and Windows XP are U.S. registered trademarks of Microsoft Corporation.



© Copyright 2007 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Printed in Singapore, 3000-0700110-EEP, May 2007