HP Color LaserJet Professional CP5225n Printer (CE711A)
Active as of 11/1/2010

Detailed Specifications

Accessories
HP Color LaserJet 500-sheet Paper Tray CE860A, HP 64 MB DDR2 144-pin SDRAM DIMM CB421A, HP 128 MB DDR2 144-pin SDRAM DIMM CB422A, HP 256 MB DDR2 144-pin SDRAM DIMM CB423A, HP USB Cable (a-b) 2 meter C6518A, HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A, HP Barcode Printing Solution HG271US, HP Barcodes and More Solution HG281US, HP Scalable Barcode Set Solution HG282UT, HP MICR USB Fonts Solution HG283US

Acoustic power emissions (active, printing)
6.3 B(A)

Acoustic power emissions (ready)
5.3 B(A)

Acoustic power footnote number
[6]

Acoustic pressure emissions bystander (active, printing)
49 dB(A)

Additional information about Eco
http://www.hp.com/ecosolutions

Additional information about HP in the countries
hp.com

Automatic paper sensor
No

Bottom margin (A4)
4.23 mm

Cable included
No, please purchase USB cable separately

Code name
Opal N

Compatible Network Operating Systems
Windows 2000, Windows XP Home, Windows XP Professional, Windows Server 2003, Windows Vista(R), Windows XP Media Center, Windows XP Professional x64, Windows 7 (HP UPD only), Mac OS X v 10.3, Mac OS X v 10.4 or higher, Linux (see http://www.hplip.net)

Compatible Operating Systems
Windows 8 through the HP Universal Print Driver (for more information go to h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?objectID=c03365145), Windows 7 through the HP Universal Print Driver (for more information go to h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?objectID=c03737332), Windows Vista, Windows XP Home, Windows XP Professional, Windows XP Professional x64, Windows XP Media Center, Windows Server 2003, Windows 2000; Mac OS X v 10.3, v 10.4, v 10.5, v 10.6; Linux (see hplip.net)

Connectivity, optional
HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A

Connectivity, standard
1 Hi-Speed USB 2.0; 1 Fast Ethernet 10/100 Base-T

Control panel
2-line; 16-character backlit display; 5 buttons (Cancel job, Left arrow, Right arrow, Select, Back); 2 LED indicator lights (Attention, Ready)

Count of cartons per pallet layer
1

Count of layers in pallet
4

Country of origin
Product of China

Datasheet photo 1
Publication photos/CP5225_IPG HW.jpg

Datasheet photo 4
Publication photos/CP5220 printer walkaround.jpg

Datasheet publication number
4AA3-1356ENUC

Dimension(W x D x H) Footnote Number
[1]

Display
2-line LCD (text)

Driver updates
Latest printer driver information available at http://www.hp.com/support

Duplex printing
Manual (driver support provided)

Duty cycle (monthly, A4)
Up to 75,000 pages

Duty cycle (monthly, letter)
Up to 75,000 pages

Duty cycle footnote number
[9]

Eco products
CP5225dn model

Economical printing
Manual duplexing capability and N-up printing (multiple pages per sheet) features save paper.

Electromagnetic compatibility
CISPR 22: 2005/EN 55022: 2006 Class A, EN 61000-3-2: 2006, EN 61000-3-3: 1995+A1+A2, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class A (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

Energy efficiency
CECP

Energy star certified
No

Envelope Feeder
No

FCC Class A emissions
FCC Class A emissions - for use in commercial environments, not residential environments

Finished output handling
Sheetfed

First page out black (A4, ready)
As fast as 16 sec

First page out black (letter, ready)
As fast as 16 sec

First page out color (A4, ready)
As fast as 17 sec

First page out color (letter, ready)
As fast as 17 sec

First page out footnote number
[8]

Fonts and typefaces
84 scalable TrueType fonts

Functions
Print

HP ePrint capability
No

Image legal disclaimer
Product image may differ from actual product

Input capacity
Up to 350 sheets

Internal Storage
None

Left margin (A4)
4.23 mm

Legal disclaimer
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Mac compatible
Yes

Maximum dimensions (W x D x H)
34 x 42 x 14.6 in

Maximum dimensions (W x D x H)
862 x 1066 x 370 mm

Maximum input capacity (sheets)
Up to 850 sheets

Maximum Memory
448 MB

Maximum output capacity (sheets)
Up to 250 sheets

Media size, tray 1
A3; A4; A5; A6; RA3; SRA3; B4; B5; 8k; 16k; 10 x 15 cm; post cards (JIS single and double); envelopes (DL, C5, B5); 76 x 127 to 320 x 457 mm

Media size, tray 2
A3; A4; A5; B4; B5; 8k; 16k; Double postcard; 148 x 182 to 297 x 432 mm

Media size, tray 3
A3; A4; B4; B5; 8k; 16k; Double postcard; 148 x 210 to 297 x 432 mm

Media sizes supported
Tray 1: A3, A4, A5, A6, RA3, SRA3, B4, B5, 8k, 16k, 10x15 cm, post cards (JIS single and double); envelopes (DL, C5, B5); custom: 76 x 127 to 320 x 457 mm; Tray 2: A3, A4, A5, B4, B5, 8k, 16k, double postcard; custom: 148 x 182 to 297 x 432 mm; Optional tray 3: A3, A4, B4, B5, 8k, 16k, double postcard; custom: 148 x 210 to 297 x 432 mm

Media sizes supported
Tray 1: Letter, legal, executive, 11x17, 12x18, 4x6, 5x8, 8.5x13, envelopes (No. 10, Monarch), custom: 3 x 5 to 12.6 x 18 in, Tray 2: letter, legal, executive, 11x17, 8.5x13, custom: 5.8 x 7.2 to 11.7 x 17 in, Optional tray 3: letter, legal, executive, 11x17, 8.5x13, custom: 5.8 x 8.3 to 11.7 x 17 in

Media sizes supported, key
10 x 15 cm; A3; A4; Envelopes

Media sizes supported, key
4 x 6 in; Letter; Legal; 11 x 17 in; Envelopes

Media sizes, custom
Tray 1: 3 x 5 to 12.6 x 18 in; 250-sheet input Tray 2: 5.8 x 7.2 to 11.7 x 17 in; optional 500-sheet input Tray 3: 5.8 x 8.3 to 11.7 x 17 in

Media sizes, custom
Tray 1: 76 x 127 to 320 x 457 mm; 250-sheet input Tray 2: 148 x 182 to 297 x 432 mm; optional 500-sheet input Tray 3: 148 x 210 to 297 x 432 mm

Media type and capacity, tray 1
Sheets: 100; envelopes: 20

Media type and capacity, tray 2
Sheets: 250

Media type and capacity, tray 3
Sheets: 500

Media types
Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough); cardstock; glossy film; transparencies; labels; envelopes

Media weight (tray 1)
60 to 220 g/m²

Media weight (tray 2)
Up to 120 g/m² plain papers, up to 160 g/m² coated papers

Media weight (tray 3)
Up to 120 g/m² plain papers, up to 160 g/m² coated papers

Media weight, supported
Tray 1: 16 to 58 lb bond, Tray 2, automatic two-sided printing unit, optional Tray 3: up to 32 lb plain papers, up to 43 lb coated papers

Media weight, supported
Tray 1: 60 to 220 g/m², Tray 2, automatic two-sided printing unit, optional Tray 3: up to 120 g/m² plain papers, up to 160 g/m² coated papers

Memory
192 MB

Memory card compatibility
None

Memory Slots
1 slot, 144-pin, DDR2 DIMM

Memory upgrade
Expandable to 448 MB through one DDR2 DIMM slot

Minimum dimensions (W x D x H)
21.5 x 23.6 x 13.3 in

Minimum dimensions (W x D x H)
545 x 599 x 338 mm

Minimum System Requirements
Windows 10 (For more information go to http://support.hp.com/us-en/document/c04658195), Windows 8 through the HP Universal Print Driver (for more information go to http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?objectID=c03365145), Windows 7 through the HP Universal Print Driver (for more information go to http://h20000.www2.hp.com/bizsupport/TechSupport/Document.jsp?objectID=c03737332), Windows Vista (32-bit and 64-bit): 1 GHz processor, 512 MB RAM, 250 MB hard disk space; Windows XP-32 Home, Windows XP-32 Professional, Windows XP-x64 (print driver only): any Pentium® II processor (Pentium® III or higher recommended), 128 MB RAM, 250 MB hard disk space; Windows 2000, Windows Server 2003 (print driver only): any Pentium® II processor or higher, 64 MB RAM, 250 MB hard disk space; SVGA 800 x 600 with 16-bit color display, Internet Explorer 5.5 or higher, CD-ROM drive, USB or Ethernet port

Minimum System Requirements for Macintosh
Mac OS X v 10.3, 10.4, 10.5, 10.6; Power PC G3, G4, G5, or Intel Core processor; 150 MB available hard disk space; CD-ROM drive; USB or Ethernet port

Mobile printing capability
Mobile Print Capability not supported

Network capabilities
Via built-in 10/100 Base-T networking

Network protocols, supported
Via built-in networking solution: TCP/IP, IPv4, IPv6; print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); management: SNMPv1, HTTP

Network ready
Standard (built-in Ethernet)

Non-Operating Humidity Range
10 to 90% RH

Number of print cartridges
4 (1 each black, cyan, magenta, yellow)

Number of users
5-15 Users

Operating humidity range
10 to 80% RH

Operating temperature range
10 to 30º C

Operating temperature range
50 to 86º F

Optional compatible operating systems
OS/2, UNIX, Linux

Output capacity
Up to 250 sheets

Package dimensions (W x D x H)
28.26 x 27.63 x 18.81 in

Package dimensions (W x D x H)
718 x 702 x 478 mm

Package weight
43 kg

Package weight
95 lb

Pallet dimensions
28.38 x 30.15 x 77.20 in

Pallet dimensions (W x D x H)
721 x 766 x 1961 mm

Pallet weight
195 kg

Pallet weight
428 lb

Paper handling input, optional
500-sheet input tray 3

Paper handling input, standard
100 sheet multi-purpose tray, 250-sheet input tray 2

Paper handling output, standard
250-sheet output bin

Paper trays, maximum
3

Paper trays, standard
2

Ports
1 Hi-Speed USB 2.0; 1 Fast Ethernet

Power
Input voltage 115 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A

Power consumption
440 watts (printing), 30 watts (ready), 4.4 watts (sleep), 0.5 watts (off)

Power consumption (active)
440 watts

Power consumption (manual-off)
0.5 watts

Power consumption (sleep)
4.4 watts

Power consumption (standby)
30 watts

Power consumption footnote number
[3]

Power supply type
Built-in power supply

Print colors
Yes

Print languages
HP PCL 6, HP PCL 5, HP postscript level 3 emulation

Print quality black (best)
Up to 600 x 600 dpi

Print quality black (normal)
Up to 600 x 600 dpi

Print quality color (best)
Up to 600 x 600 dpi

Print Resolution Technologies
HP ImageREt 3600

Print speed
Print speed up to 20 ppm (black) and 20 ppm (color)

Print speed (A4/letter) footnote number
[7]

Print speed black (ISO, A4)
Up to 20 ppm

Print speed black (ISO, letter)
Up to 20 ppm

Print speed black (normal, A3)
Up to 10 ppm

Print Speed Color (ISO)
Up to 20 ppm

Print speed color (ISO)
Up to 20 ppm

Print speed color (normal, A3)
Up to 10 ppm

Print Technology
Laser

Print technology
Laser

Printer Management
SNP (default install); Toolbox FX (additional software install)

Processor
Motorola Coldfire V5x

Processor speed
540 MHz

Product logos
Microsoft Windows; Microsoft Vista; Macintosh; Energy Star; USB

Product note
FCC Class A emissions device for use in commercial environments, not residential environments[3]

Quantity per pallet
4

Recommended media weight (duplex)
Up to 120 g/m² plain papers, up to 160 g/m² coated papers

Recommended media weight (duplex)
Up to 32 lb plain papers, up to 43 lb coated papers

Recommended monthly page volume
1500 to 5000

Recommended monthly page volume footnote number
[10]

Recommended operating humidity range
20 to 60% RH

Recommended operating temperature range
15 to 27º C

Recommended operating temperature range
59 to 80.6º F

Replacement cartridges
HP Color LaserJet Black Print Cartridge (~7000 pages); HP Color LaserJet Cyan Print Cartridge (~7300 pages); HP Color LaserJet Yellow Print Cartridge (~7300 pages); HP Color LaserJet Magenta Print Cartridge (~7300 pages)

Replacement cartridges footnote number
[4,5]

Right margin (A4)
4.23 mm

Safety
IEC 60950-1 (International); EN 60950-1+A11 (EU); IEC 60825-1+A1+A2; NRTL Listed (US/Canada); GS License (Europe); EN 60825-1+A1+A2 (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

Security management
Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change

Services
An HP technician or authorized service provider arrives at your site within four hours after the service call is received, if this time falls within the coverage window

Services
Technician delivered onsite service the next business day after the service call is received

Services (Care Pack)
HP 3y Nbd Color LaserJet CP5225 HW Supp UT431E; HP 3y Nbd Color LaserJet CP5225 HW Supp UT431A; HP 3y 4h 9x5 Color LaserJet CP5225 Supp UQ501E; HP 3y 4h 13x5 Color LsrJt CP5225 HW Supp UQ497E; HP 4y 4h 9x5 Color LaserJet CP5225 Supp UQ500E; HP 5y 4h 9x5 Color LaserJet CP5225 Supp UQ499E; HP 5y 4h13x5 Color LaserJet CP5225 Supp UQ494E; HP 5y Nbd Color LsrJt CP5225 HW Support UQ502E; HP 4y 4h13x5 Color LaserJet CP5225 Supp UQ495E; HP 4y Nbd Color LaserJet CP5225 HW Supp UT430E; HP 1yPW Nbd Clr LaserJet CP5225 HW Supp UQ498PA; HP 1yPW Nbd Clr LaserJet CP5225 HW Supp UQ498PE; HP 1yPW 4h13x5ClrLaserJet CP5225 HW Supp UQ492PE; HP 1y PW 4h 9x5 Clr LaserJet CP5225 Supp UQ493PE; HP 3y Nbd+DMR Color LsrJt CP5225 HW Supp UQ496E; HP 1yPW Nbd+DMR Clr LsrJt CP5225 HW Supp UQ491PE; HP Install mid-high Color LaserJet SVC H4515E; HP 1y PW Phone Assist CLJ3-9xxx/SJN9120 SVC HC130PE; HP Ntwk Install mid-high ClrLaserJet SVC H2872E

Services description headline 01
Same Day Onsite Service:

Services description headline 02
Next Day Onsite Service:

Software included
Print driver (HP PCL 6); Toolbox FX configuration utility; SNP alerts; and installation software on CD-ROM

Standard input capacity (envelopes)
Up to 20

Standard media sizes (duplex)
A3; A4; A5; SRA3; B4; B5

Standard media sizes (duplex, imperial)
Letter; legal; executive; 11 x 17 in; 12 x 18 in

Standard output capacity (envelopes)
Up to 15 envelopes

Storage device and direct print support
Storage devices not supported

Storage temperature range
0 to 35º C

Storage temperature range
32 to 95º F

Sub-brand name
Color LaserJet

SureSupply footnote number
[11]

SureSupply supported
Yes

Target user and print volume
For teams up to 15 users; Prints up to 5,000 pages/month

Tariff numbers
8443321010

Tech spec footnote
[1]Without trays and covers extended

Tech spec footnote
[10]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.

Tech spec footnote
[11]HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit http://www.hp.com/go/SureSupply.

Tech spec footnote
[2]With print cartridges

Tech spec footnote
[3]Values subject to change. See http://www.hp.com/support for current information. Power numbers are the highest values measured using all standard voltages.

Tech spec footnote
[4]Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies

Tech spec footnote
[5]For information on cartridge page and photo yields, see http://www.hp.com/go/pageyield

Tech spec footnote
[6]Configuration tested: base model, simplex printing, A4 paper at an average of 20 ppm. Values are subject to change. For current information see http://www.hp.com/support.

Tech spec footnote

[7]Exact speed varies depending on the system configuration, software application, driver and document complexity.

Tech spec footnote

[8]Exact speed varies depending on the system configuration, software application, driver and document complexity.

Tech spec footnote

[9]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.

Technical support information

http://www.hp.com/support

Technology logo, print 1

Publication logos/AMS_EnergyStar.jpg

Technology logo, print 2

Publication logos/AMS_Compatible with Win7.jpg

Technology logo, print 3

Publication logos/AMS_USB_hi speed.jpg

Top margin (A4)

4.23 mm

Typical electricity consumption (TEC) number

1.787 kWh/Week

UNSPSC code

43212110

UPC number

(B13) 888182819975; (BGJ) 885631551004

Upgradability

Memory upgradeable to 448 MB; optional 500 sheet tray; only one additional tray may be added

Warranty

One-year unit exchange warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Web address for additional information

Solutions: http://www.hp.com/go/gsc; Paper: http://www.hp.com/go/paper; Services: http://www.hp.com/services/printer

Weight

40.9 kg

Weight

90.2 lb

Weight (imperial) footnote number

[2]

What's in the box

HP Color LaserJet Professional CP5225n Printer; Power cord; Getting Started Guide; CD with software and documentation; Pre-installed black (~7000 pages) and cyan, magenta, and yellow (~7300 pages) HP Color LaserJet print cartridges with HP ColorSphere toner; 100-sheet multipurpose tray; 250-sheet input tray; Built-in Fast Ethernet 10/100 Base-T networking

Wireless capability

Optional, enabled with purchase of a hardware accessory