



## hp color inkjet printer cp1160

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The HP Color Inkjet printer cp1160 offers high-performance, personal colour inkjet printing to help office professionals gain convenience and control over their business communications. This business class desktop printer consistently delivers high quality colour and black text output.

**For office professionals in small and medium sized businesses with intensive printing requirements and enterprises needing high quality printed output, the HP Color Inkjet printer cp1160 delivers convenient, high performance colour printing quickly and reliably.**

- The HP Color Inkjet printer cp1160 provides office desktop users with high speed colour printing without sacrificing print quality.
- Comes with a range of features and options for maximum individual productivity and versatile connectivity.
- Designed for superior ease-of-use and flexibility for office professionals.

#### **Business speed on your desktop.**

- Industry leading speeds of up to 17 ppm black and 16 ppm colour in draft mode.
- Achieve high quality document printing at speeds of up to 8 ppm black and 7 ppm colour in normal mode.
- HP Photoret III precision technology delivers outstanding image quality.

#### **Save time and money to focus on your business.**

- The automatic duplexer for two-sided printing lets you produce high quality professional documents on both sides of the paper.
- Comes with a standard, removable 150-sheet paper tray. Optional 250-sheet paper tray increases maximum capacity to 400 sheets.
- IR, USB and parallel connectivity. Network capable with optional HP Jetdirect internal printserver (L10) for up to 3 users.

#### **A hassle free, easy-to-use colour inkjet printer for individuals or micro workgroups of up to 3 users.**

- Supports media sizes from postcards to A4, with an automatic paper-type sensor.
- Smart, space-saving design with a flat top suitable for stacking items up to 22kgs (evenly distributed weight).
- Infrared port enables wireless printing from handheld and laptop computers.
- Easy to monitor with icon-driven LCD panel and permanent ink-level indicator on display.



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## technical specifications

<b>print technology</b>	HP Thermal Inkjet			
<b>printhead nozzles</b>	304 black, 912 color (304 per color printhead, total of 1216 nozzles)			
<b>print speed (pages per minute)</b>	document type	draft	normal	best
	black text A4	17	8	4
	black text with colour highlights A4	16	7	4
	full page colour A4	6	1.6	0.7
	Approximate figures. Exact print speed will vary depending on the system configuration, software program and document complexity.			
<b>processor speed</b>	96 MHz			
<b>print quality</b>	black	1200 x 600 dpi		
	colour	HP Photoret III precision technology for ultimate photo quality, alternative 2400 x 1200 dpi mode using photo paper		
<b>operating systems compatibility</b>	MS-DOS 3.3 or above; Windows 95, 98, 2000, Me, NT4.0 or above; Apple Macintosh OS 8.6 or above			
<b>network operating systems compatibility</b>	With ethernet adapter: Microsoft Windows 95, 98, 2000, Me, NT 4.0 and later; Apple Macintosh OS 8.9 and later; web jetadmin; with enhanced ethernet adapter: Microsoft Windows 95, 98, 2000, Me, NT 4.0 and later; Apple Macintosh OS 8.9 and later; Novell NetWare v3.11, 3.12.4.x, 5.0; NDS; NDPS; IBM OS/2; UNIX; Artisoft LANtastic 7.0; line printer deamon (lpd)			
<b>minimum system requirements</b>	Microsoft Windows 95, 98, Me: Pentium 150 MHz, 32 MB RAM; Microsoft Windows 2000, NT 4.0: Pentium 133 MHz, 64 MB RAM; Apple Macintosh OS 8.9 or above: 64 MB RAM; Apple Macintosh OS X: 128 MB RAM			
<b>memory</b>	8 MB built-in RAM			
<b>printer languages</b>	PCL3, hp high performance architecture (HPA™)			
<b>fonts</b>	8 built-in fonts, 4 each in portrait and landscape orientations: CG Times, CG Times Italic, Univers, Univers Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic			
<b>duty cycle</b>	5,000 pages per month			
<b>LCD control panel</b>	Icon-based			
<b>recommended media weight</b>	Tray1: paper: 60 to 90 g/m <sup>2</sup> , envelopes: 75 to 90 g/m <sup>2</sup> , cards up to 200 g/m <sup>2</sup> ; automatic duplex unit: paper: 60 to 90 g/m <sup>2</sup> , cards up to 160 g/m <sup>2</sup> ; tray 2 (optional): paper: 60 to 90 g/m <sup>2</sup>			
<b>media sizes</b>	Standard: A4, A5, B5, DL, C6, A6; custom: 77 x 127 mm up to 216 x 356 mm			
<b>media types</b>	Paper (plain, inkjet, photo, glossy), envelopes, transparencies, labels, cards, banner paper			
<b>printing margins</b>	Top: 1.78 mm, left: 3.40 mm, right: 3.40 mm, bottom: 11.70 mm			
<b>envelope feeder</b>	Yes, 22			
<b>media handling</b>	Standard input capacity of 150 sheets, 50 sheets output tray, optional second tray of 250 sheet capacity using automatic duplex unit as paper path; tray 1 (upper tray): paper: up to 150 sheets, transparencies: up to 30, envelopes: up to 22, cards: up to 60, labels: up to 30; tray 2 (lower tray): paper: up to 250 sheets			
<b>power requirements</b>	Input voltage 100 to 240 V AC (+/- 10%), 50/60 Hz (+/- 3 Hz)			
<b>power supply</b>	External universal power supply			
<b>power consumption</b>	2 watts maximum (off), 4 watts minimum (non-printing), 40 watts maximum (printing)			
<b>interface and connectivity</b>	Standard: built in: universal serial bus (USB), infrared, through I/O: IEEE 1284 - centronics parallel compatible Optional: through I/O interface slot: 10/100 BaseTX Ethernet, 10/100 BaseTX enhanced Ethernet, bluetooth, wireless 802.11			
<b>dimensions (w x d x h)</b>	488 x 380 x 185 mm (without automatic duplex unit); 488 x 434 x 185 mm (with automatic duplex unit)			
<b>product weight</b>	6.7 kg (without automatic duplex unit); 7.3 kg (with automatic duplex unit)			
<b>operating environment</b>	Operating temperature: 5 to 40°C; operating humidity: 20 to 80% RH non-condensing; recommended operating temperature: 15 to 35°C; storage temperature: -40 to 70°C noise level per ISO 9296: sound power: L <sub>w</sub> Ad 6.1 B(A) (without automatic duplex unit), 6.3 B(A) (with automatic duplex unit), sound pressure: L <sub>p</sub> A <sub>w</sub> 48 dB(A) by-stander position (without automatic duplex unit), 50 dB(A) by-stander position (with automatic duplex unit)			
<b>ENERGY STAR</b>	Yes			
<b>certifications</b>	Safety certifications: TÜV-GS (Germany), SABS (South Africa); EMI certification: CE (European Union), B mark (Poland), GOST (Russia).			
<b>warranty</b>	1 year limited warranty			

## ordering information

**c6436a** hp color inkjet printer cp1160 automatic duplex unit, black ink cartridge, tri-color ink cartridge, black printhead, cyan printhead, magenta printhead, yellow printhead, parallel I/O adapter, CD-ROM containing printer software, power supply, power cable, user's guide, setup poster

### accessories

**c6501a** hp 250-sheet second paper tray  
**c2950a** IEEE 1284-compliant bidirectional parallel cable (2 meter)  
**c2951a** IEEE 1284-compliant bidirectional parallel cable (3 meter)  
**c6518a** USB-compliant interface cable (2 meter)  
**j6039a** hp jetdirect 200m print server/internet connector  
**j6042a** hp jetdirect 250m print server/internet connector  
**j6062a** hp wireless printserver wp110

### supplies

**c5011ae** hp no. 14 black ink cartridge (23 ml)  
**c5010ae** hp no. 14 color ink cartridge (19 ml)  
**c4920ae** hp no. 14 black printhead  
**c4921ae** hp no. 14 cyan printhead  
**c4922ae** hp no. 14 magenta printhead  
**c4923ae** hp no. 14 yellow printhead

### media

**c1825a** hp bright white inkjet paper, A4, 500 sheets  
**51634z** hp premium inkjet paper, A4, 200 sheets  
**c6818a** hp brochure & flyer paper, two-sided glossy, A4, 50 sheets  
**c3835a** hp premium inkjet transparency film, A4, 50 sheets  
**c6832a** hp premium plus photo paper, glossy, A4, 20 sheets  
**c6040a** hp premium photo paper, A4, 20 sheets

### service & support

**h3678a/e** hp supportpack - next business day, repair or replacement, 3 years

<http://www.hp.com>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Azerbaijan:** +7 (99412) 973 561, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **CIS:** (007) 095 797 3500, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991125, **Dubai (Gulf Region):** (971) 488 15 456, **East Central Europe (Vienna HQ plus Albania):** (+43) 1-250 00, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (0.24 DM per minute), **Greece:** (01) 619 64 11, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** (00) 353 1 61 58 200, **Israel:** (972) 9 952 4848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Morocco (African Region):** (212) 222 21340, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 z[I] + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 250 6197, **RSA:** (27)11 806 1000 **Slovakia:** (+421 7) 68 20 90 11, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Turkey:** +90 (216) 579 71 71, **UK:** (0990) 474747, **Ukraine:** 380 44 490 61 20, **Uzbekistan:** +7 (99871) 169 1488, **Yugoslavia:** +7 (044) 490 6120, **Multi Country Operations (MCO) (Geneva):** (22) 7804111, **European Headquarters (Geneva):** (22) 7808111.

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