

HP Deskjet 450 series



The HP Deskjet 450 series – a compact, stylish and light mobile printer with desktop-quality performance, easy to connect to notebook, PDA or mobile phone for convenient and reliable printing – anytime, anywhere.

Maintain desktop efficiency and productivity even when you're on the move. The HP Deskjet 450 series is designed for mobile professionals, who need to print high quality documents in a variety of locations from a notebook, PDA or mobile phone.

Compact and light, the HP Deskjet 450ci/cbi/wbt is a high-performance mobile printer.

- Superior photo quality printing of up to 4800 x 1200 optimised dpi* on premium photo media.
- Get true-to-life results with the latest HP Photoret IV technology in six-ink** colour with optional photo cartridge.
- Print speeds of 9 ppm in black and 8 ppm in colour in fast mode.
- Compact lithium-ion battery*** prints up to 350 pages per charge, recharging in 1 hour 30 mins.
- Robust and reliable – it is extensively tested to withstand travelling, supported by a foldable, protective, top-cover paper tray.



HP Deskjet 450ci

Wide range of wireless connectivity choices for seamless printing from a variety of mobile devices.

- Wireless connections with Fast IR, CompactFlash™ card or HP Bluetooth printer card (standard with the Dj450wbt).
- Connects to Windows® notebook, Macintosh PowerBook, Pocket PC, Palm OS and Win CE handhelds.
- Prints directly from a digital camera without cables or PC.
- Wired connectivity with USB and parallel ports.
- Supports Win 95/98/NT 4.0/2000/Me/XP, Mac OS 8.6 or later/ Mac OS X, Palm OS v3.x or later with bundled wireless printing application, Microsoft Win CE 3.0 / Pocket PC 2000/2002.

Efficiency and productivity on the go with convenient, low intervention printing.

- Dual-carriage, high-capacity print system with separate black and tri-colour cartridges means minimal user intervention.
- Long-lasting print cartridges printing up to 450 pages black and 400 pages colour.
- Complete a print job even if one print cartridge runs out with an ink-backup printing mode.
- Enjoy wireless power supply for longer periods due to optional long lasting lithium-ion battery (350 pages/charge) providing greater efficiency and productivity while on the road.



HP Deskjet 450cbi

*Up to 4800 x 1200 optimised dpi on premium photo papers and 1200 x 1200 input dpi.

**HP Photoret IV is enabled in six-ink printing, available with separate purchase of photo cartridge; not included.

***Standard with the HP Deskjet 450cbi.



HP Deskjet 450wbt

Technical specifications

Print technology	HP Thermal Inkjet			
Printhead nozzles	416 black ink nozzles, 18 kHz maximum firing frequency. 300 colour ink nozzles, 21 kHz maximum firing frequency. 300 photo ink nozzles (optional), 21 kHz maximum firing frequency.			
Print speed (up to # pages per minute)	Document type	Draft	Normal	Best
	Black text A4	9 ppm	5 ppm	1.6 ppm
	Mixed text/colour graphics A4	8 ppm	3 ppm	1 ppm
	10 x 15 cm colour photo (plain paper)	1 ppm	0.7 ppm	0.4 ppm
	Full page colour A4	0.5 ppm	0.3 ppm	0.1 ppm
Print quality	Black: Up to 1200 x 1200 dpi. Colour: HP Photoret III (HP Photoret IV with optional photo cartridge). Up to 4800 x 1200 dpi on premium photo paper.			
Operating systems compatibility	Supported: Microsoft® Windows® 95, 98, NT 4.0, Me, 2000, XP, CE 3.0 and later, Microsoft Windows for Pocket PC, Macintosh OS 8.6 and above (including OS X), Palm OS 3.0 and later, Nokia phone 60 series.			
Recommended system requirements	Microsoft® Windows® 95, 98, NT 4.0, Me, 2000: PII 450 MHz, 128 MB RAM, 200 MB hard disk space; Microsoft Windows XP: PIII, 450 MHz, 256 MB RAM, 200 MB hard disk space. Mac OS 8.6.x: iMac 333 MHz or G3 350 MHz, 128 MB RAM; MAC OS 9.x: iMac 333 MHz or G3 350 MHz, 128 MB RAM (IR is for 9.x or later); MAC OS X: G4 800 MHz, 256 MB RAM.			
Memory	Standard: 16 MB RAM, 4 MB ROM.			
Printer languages	Standard: HP PCL 3 enhanced.			
Typefaces/fonts	13 built-in fonts in portrait orientation. International fonts: Arabic, Baltic, Cyrillic, Greek, Hebrew. US fonts: CG Times, CG Times Italic, Universe, Universe Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic.			
Duty cycle	500 pages per month			
Recommended media weight	75 g/m ² to 90 g/m ² (bond paper), 110 g/m ² to 200 g/m ² (cardstock).			
Media sizes	A4, A5, A6.			
Media types	Paper (plain, copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavy weight) premium transparency, premium plus photo paper (matt and glossy), photo paper, professional brochure (matt and glossy), labels, cards.			
Print margins (A4)	Top: 2 mm, left: 6.4 mm, right: 6.4 mm, bottom: 13.5 mm.			
Paper handling	Sheets up to 45, transparencies up to 10.			
Duplex printing	Two sided printing capability: Manual.			
Power supplies	Universal Power Supply or HP Lithium-ion battery.			
Power requirements	100 to 240 AC, 50/60 Hz, 19 VDC, 3.16A (A/C Adapter).			
Power consumption	20 watts maximum (printing without battery charging), 44 watts maximum (printing while battery charging).			
Interface and connectivity	HP Deskjet 450ci/cbi: Standard: Parallel port, USB, Fast Infrared, CompactFlash™ Type I card slot. HP Deskjet 450ci/cbi: Optional: Bluetooth connectivity via CompactFlash™ card slot HP Deskjet 450wbt: Standard: Parallel port, USB, Fast Infrared, CompactFlash™ Type I card slot, Bluetooth connectivity.			
Software included	Print application (web-download) for Pocket PC, BTPrint for Palm OS-based PDA.			
Dimensions (w x d x h)	338 x 82.5 x 164 mm; 338 x 82.5 x 184 mm (with battery).			
Product weight	HP Deskjet 450ci mobile printer: 1.88 kg. HP Deskjet 450cbi/wbt mobile printer: 2.08 kg (with battery).			
Printer management	HP My Print Mileage.			
Battery	Type: HP Lithium-ion battery. Life: Up to 350 pages per charge. Capability: Automatic recharge using printers built-in battery recharger. Charge time: Only 1 hr 30 mins.			
Operating environment	Environmental ranges: Operating temperature: 0 to 55 °C. Operating humidity: 15% to 95% RH non-condensing. Recommended 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: 5.8 B(A), Sound pressure 45 dB(A).			
Energy Star®	Yes			
Certifications	Regulatory standards: TUV-GS (Germany), CE (European Union), B mark (Poland), CCIB S&E (China), CSA (Canada), PSB (Singapore), UL (USA).			
Warranty	1 year limited hardware warranty; Phone support: 8:30-18:00 Monday-Friday.			

Ordering information

C8146A	HP Deskjet 450ci mobile printer, A/C adapter, power cord, parallel printer cable, reference guide, setup roadmap, regulatory guide, printer software CD-ROM, HP No. 56 Black Print Cartridge (19 ml), HP No. 57 Tri-color Print Cartridge (17 ml).
C8147A	HP Deskjet 450cbi mobile printer, includes same as above plus: HP Lithium-ion battery
C8145A	HP Deskjet 450wbt mobile printer, includes same as C8147A plus: HP Bluetooth printer card.

Accessories

C8257A	HP Auto/Car Adapter
C8246A	HP AC Adapter with Power Cord
C8222A	HP Lithium-ion battery
C8249A	HP Bluetooth printer card
C8231A	HP parallel printer cable
C8232A	HP business carry case for notebook and printer
C8242A	HP carry case for notebook and printer (small)
C8233A	HP travel holder for black/photo cartridge

Supplies

C6656AE	HP No. 56 Black Inkjet Print Cartridge (19 ml)(450 pages*)
C6657AE	HP No. 57 Tri-colour Inkjet Print Cartridge (17 ml)(400 pages*)
C6658AE	HP No. 58 Photo Inkjet Print Cartridge (17 ml) 125 photos (10 x 15 cm)

Media

C5977B/C1825A	HP Bright White Paper, A4 (250/500 sheets)
51634Z	HP Premium Paper, A4 (200 sheets)
C3831A/C3837A	HP Premium High-gloss Film, White, A4 (10/50 sheets)
C1853A	HP Premium Heavyweight Paper, A4 (100 sheets)
C6818A	HP Brochure & Flyer Paper, Glossy, A4 (50 sheets)
C3832A/C3835A	HP Premium Transparency Film, A4 (20/50 sheet)
C7031A/C7029A	HP Premium Plus Transparency Film, A4 (20/50 sheets)
C6984A	HP Photo-quality Paper, Semi Glossy A4 (25 sheets)
C6040A	HP Premium Photo Paper, Glossy, A4 (15 sheets)
C7891A/C7894A	HP Photo Paper, Glossy, 10 x 15 cm (20/60 sheets)
C1847A	HP Photo Paper, Glossy, A4 (20 sheets)
C6832A	HP Premium Plus Photo Paper, Glossy, A4 (20 sheets)
C6951A	HP Premium Plus Photo Paper, Matt, A4 (20 sheets)
C6945A/C7025A	HP Premium Plus Photo Paper, glossy, 10 x 15 cm (20/60 sheets)
CHP111	HP Office Paper, A4 (500 sheets)

Service & support

H3683A/E	HP Care Pack 3 year next-day on-site replacement
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*Based on 5% coverage for black and white and 15% for colour, in normal mode.

<http://www.hp.com>

For more information, please call your local HP sales office or representative: **Austria:** 0800 242 242, **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (078) 15 20 30 (0.0496 EUR/min), **Bulgaria:** (+359) 2960 1940, **Croatia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 261 108 108 (Prague), **Denmark:** 45991700 or 70101125, **Egypt:** 532 5222, **Estonia:** (+372) 6813 823, **Finland:** (+358) 0205350 or 0205 350, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** 8 800 10000 or 8 5 2103333, **Luxembourg:** (+352) 263 160 34, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia: 0-800 122 622, **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Serbia/Montenegro:** +381 11 334 21 02, **Slovakia:** +421-2-50222111, **Slovenia:** +3861 2307 420, **South Africa:** 0800 118 883, **Spain:** (91) 634 88 00, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20.



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