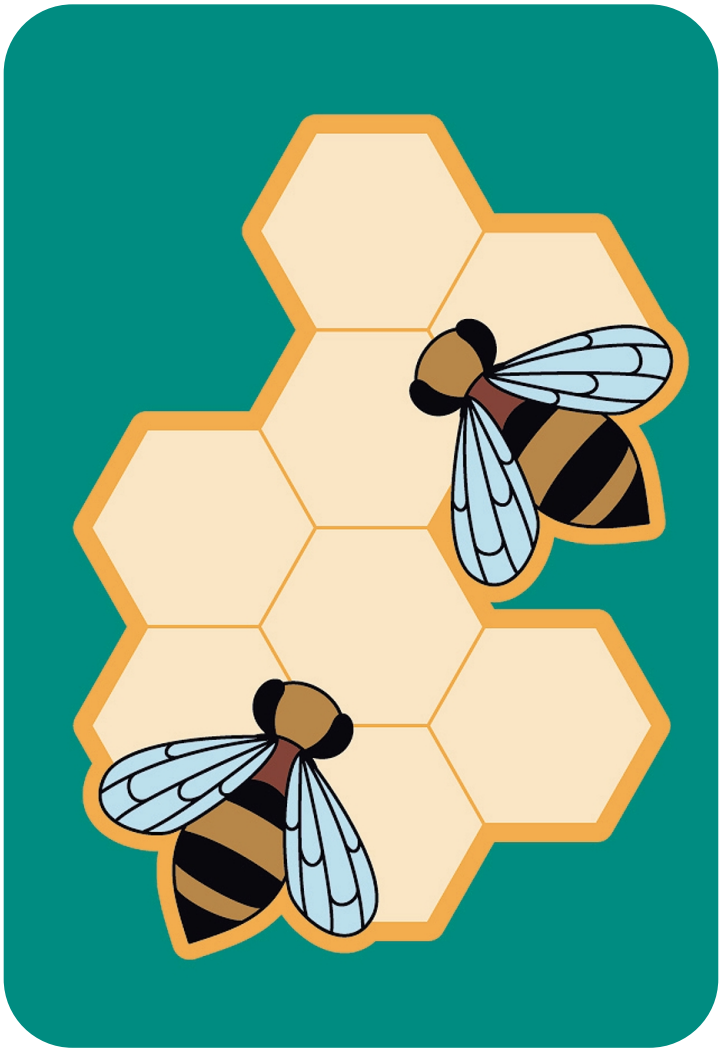
do more

hp deskjet 980cxi professional series



invent

superfast output and two-sided printing

The HP Deskjet 980cxi professional series printer boosts your productivity with its automatic two-sided printing, clever paper-type sensor and generous 150-sheet paper tray. This is the ideal choice for professional users at home or in the office demanding quality, efficiency and outstanding results.

Produce more –
up to 15 pages per minute in black and 12 pages per minute in colour.

additional smart features for higher productivity

- **optical automatic paper-type sensor** – get optimum printing results automatically: an optical sensor detects paper type, and then selects the print mode for the most popular papers and transparency films
- **job cancel button** – stop printing immediately to save paper and ink
- **low-ink indicator** – never run out of ink in the middle of a job – low-ink indicator warns you before it happens
- **high-volume printing** – with 150-sheet paper tray and 5,000-page-per-month duty cycle
- **hp high performance architecture (HPA™)** – including 96 MHz digital ASIC RISC processor for data formatting and image processing
- **high-efficiency hp thermal inkjet technology** – uses ink efficiently for longer cartridge life
- **network connectivity** – connect to your network with the optional HP Jetdirect printservers
- **compact design** – fits easily on a shelf or under a desk
- **quiet operation** – low noise level with servomotor for improved acoustic quality
- **colorsmart** – further optimised colour output for sharper digital photography and web printing

Boost productivity with built-in two-sided printing for automatic printing on both sides of a page.
Use less paper and save money – the print driver and automatic two-sided print module work together to print the first page of a document, reverse the page into the module, then print the second side of the page.

Beautiful, photo-quality output – HP Photoret III precision technology for natural-looking photos – 2400 x 1200 dpi printing available on photo paper – excellent lightfastness with HP photo papers.

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technical specifications

print technology	drop-on-demand thermal inkjet printing 300 black ink nozzles, maximum 12 kHz firing frequency 408 colour ink nozzles, maximum 18 kHz firing frequency
print speed*	dependent upon document type and print mode

document type	**draft**	**normal**	**best**
black text	15 ppm	5.7 ppm	1.3 ppm
mixed text/colour graphics	12 ppm	4.7 ppm	1.2 ppm
10 x 15 cm colour photo (plain paper)	7.8 ppm	2.3 ppm	0.8 ppm
10 x 15 cm colour photo (photo paper)	2.3 ppm	0.5 ppm	0.5 ppm
full-page colour, plain paper	3.1 ppm	0.9 ppm	0.3 ppm

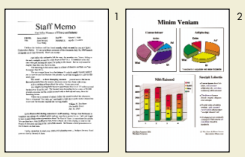
print quality	black print quality: up to 600 dpi one-pass printing with black pigmented ink, colour print quality: **hp** photoret III precision technology for ultimate photo quality, alternative 2400 x 1200 dpi mode using photo paper
compatible operating systems	Microsoft® Windows® (95, 98, NT 4.0, 2000 Professional, Me); MS-DOS applications; Mac OS 7.6.1 or above (networked Macs), 8.5.1 or above (USB-connect Macintosh only) Mac OS 8.6 or above (USB card support connect Macintosh only). For Mac OS X information please visit www.hp.com/go/mac-connect
minimum system requirements	CD-ROM drive required Microsoft® Windows® 95, 98, NT 4.0: Pentium® 66 MHz, 32 MB RAM; Mac OS X: for information please visit www.hp.com/go/mac-connect; Mac OS 8.6 or above (USB card support Macintosh® only), 32 MB RAM; Mac OS 8.5.1 or above: USB-connect Macintosh® only, 32 MB RAM; Mac OS 7.6.1 or above: networked Macintosh® only, 32 MB RAM; Microsoft® Windows® 2000 Professional: Pentium 133 MHz, 64 MB RAM; Microsoft® Windows® Me: Pentium 150 MHz, 32 MB RAM; MS-DOS Version 3.3 or above: 486, 4 MB RAM**
memory/processor	8 MB built-in RAM/96 MHz RISC processor
printer language	**hp** pcl level 3 enhanced
built-in fonts	4 built-in bitmap font families: CG Times, Univers, Courier, Letter Gothic
cartridge alignment	automatic alignment with built-in optical sensor
duty cycle	5,000 pages per month

recommended media weight	**one-sided or manual two-sided printing**	**automatic two-sided printing**
	paper: 60 to 200 g/m² (16 to index 110 lb)	**paper:** 60 to 160 g/m² (16 to index 90 lb)
	banner paper: 60 to 90 g/m² (16 to 24 lb)	**n/a**
	envelopes: 75 to 90 g/m² (20 to 24 lb)	**n/a**
	cards: up to 200 g/m² (index 110 lb max.)	**cards**: up to 160 g/m² (index 90 lb max.)
	photo: all	**n/a**

media and media size	**paper:** plain, inkjet, photo, glossy; A4 210 x 297 mm; A5 148 x 210 mm; B5-JIS 182 x 257 mm **banner:** A4 210 x 297 mm **envelopes:** DL 220 x 110 mm; C6 114 x 162 mm **transparencies:** A4 210 x 297 mm **labels**: A4 210 x 297 mm **index cards:** 3 x 5 in (76 x 127 mm); 4 x 6 in (102 x 152 mm); 5 x 8 in (127 x 203 mm); A6 card 105 x 148.5 mm; **custom size:** width 3 to 8.5 in (77 to 216 mm); length 5 to 14 in (77 to 356 mm)
media handling	**sheets:** up to 150, **banners:** up to 20 sheets, **envelopes:** up to 15, **cards**: up to 30, **transparencies:** up to 25, **labels:** up to 20 sheets (use only A4-size sheets), **output tray capacity:** up to 50 sheets (normal/best mode), up to 35 sheets (draft mode)
interface and connectivity	IEEE 1284 - Centronics parallel compatible; Universal Serial Bus (Microsoft® Windows® 98 and USB-Connect Macintosh™)
dimensions (w x d x h)	**with automatic two-sided printing module:** 440 x 435 x 196 mm (17.32 x 17.13 x 7.72 in) **without automatic two-sided printing module:** 440 x 375 x 196 mm (17.32 x 14.76 x 7.72 in)
weight (without print cartridges)	**with automatic two-sided printing module:** 6.65 kg (14.65 lb) **without automatic two-sided printing module:** 5.85 kg (12.9 lb)
power requirements	power modules: input voltage 100 to 240 VAC ±10%, 50/60 Hz ± 3 Hz
power consumption	2 watts maximum when off; 4 watts minimum non-printing; 40 watts maximum average when printing
operating environment	**maximum operating temperature:** 5° to 40° C (41° to 104° F) **relative humidity:** 15% to 80% RH non-condensing **recommended operating conditions for best print quality:** 15° to 35° C (59° to 95° F), 20 to 80% RH non-condensing **storage temperature:** -40° to 60° C (-40° to 158° F) **noise levels per ISO 9296:** sound power: L_{wAd}: 6.0 B(A), sound pressure: L_{pAm}: 47 dB(A)
warranty	1 year
page yields (normal mode)	**51645A hp** black inkjet print cartridge – 833 pages (A4) at 5% density[1] **C6578A hp** large tri-colour inkjet print cartridge – 970 pages (A4) at 15% density[2] **C6578D hp** tri-colour inkjet print cartridge – 450 pages (A4) at 15 % density[2]

* Approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

** MS-DOS 3.3 or above, driver with limited functionality.



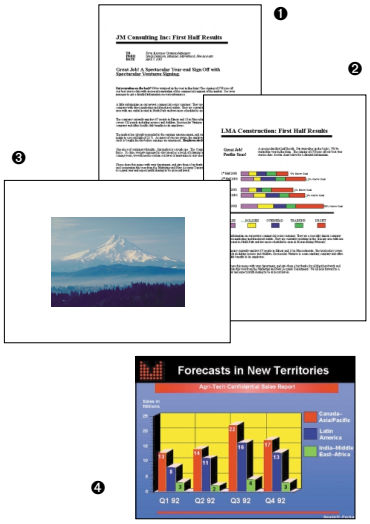
ordering information

number	description
standard unit:	
C6500A	**hp** deskjet 980cxi inkjet printer (includes automatic two-sided printing module, power cord, black print cartridge, colour print cartridge, mediakit, printer software for PC and Mac, quick reference guide and setup poster)
print cartridges:	
51645ae/ge	**hp** no. 45 black inkjet print cartridge
C6578ae/de	**hp** no. 78 tri-colour inkjet print cartridge
supplies:	
C5977B/C1825A	**hp** bright white inkjet paper A4 (250/500 sheets)
51634Z	**hp** premium inkjet coated paper A4 (200 sheets)
C1853A	**hp** premium inkjet heavyweight paper A4 (100 sheets)
C6818A	**hp** professional brochure & flyer paper, A4 (50 sheets)
C3832A/C3835A	**hp** premium transparency film A4 (20/50 sheets)
C1847A	**hp** photo paper A4 (20 sheets)
C6040A	**hp** premium photo paper A4 (15 sheets)
C6832A	**hp** premium plus photo paper, glossy A4 (20 sheets)
C6951A	**hp** premium plus photo paper, matte A4 (20 sheets)
C6945A	**hp** premium plus photo paper, glossy, 10 x 15 cm (20 sheets)
C6984A	**hp** photo-quality inkjet paper, A4 (25 sheets)
C6042A	**hp** matte greeting cards, quarter-fold (20 cards/envelopes)
C6045A	**hp** glossy greeting cards, half-fold (10 cards/envelopes)
C7014A	**hp** colorfast photo paper, A4 (25 sheets)
C6829A	**hp** textured greeting cards, cream, half-fold (20 cards/envelopes)
C6050A	**hp** iron-on t-shirt transfers (10 sheets)
C1821A	**hp** banner paper A4 (5 banners)

accessories:	
C2950A/51A	IEEE-1284-compliant A-B parallel cable 2 m/3 m
C6518A	**hp** USB cable 2 m
J3258B	**hp** jetdirect 170x
J3263A	**hp** jetdirect 300x
J3265A	**hp** jetdirect 500x

HP has custom-designed the HP Deskjet 980cxi professional series inkjet printer and its supplies to work together to optimise print quality.

examples
❶ black text
❷ mixed text/ colour graphics
❸ 10 x 15 cm colour photo
❹ full page colour



http://www.hp.com
http://www.hp.com/go/dj980cxi

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