



hp deskjet 3820

## hp deskjet 3820

Based on the award-winning technology of the HP Deskjet 900 series, the HP Deskjet 3820 delivers stunning photo quality with up to 4800-optimised dpi\*. And it prints up to 12 pages per minute in black and up to 10 pages per minute in colour.

**Designed for families and individuals who are looking for an affordable, reliable printing solution to suit a range of personal, study and home-office needs.**

**Stunning photo quality with up to 4800-optimised dpi\* and crisp black text.**

- Up to 4800-optimised dpi\* colour printing with HP Photoret III precision technology on premium photo papers and crisp black text with pigment-based black ink.

**Proven performance – designed for reliability.**

- Based on award-winning technology of best-selling HP printers\*\*.
- Prints of up to 12 pages per minute in black and up to 10 pages in colour.
- Up to 40 percent faster in normal mode than previous HP Deskjets.
- Robust design with space-saving 100-sheet fold-up paper tray.

**Convenient features that save time and money.**

- Stop unwanted print jobs instantly with the print cancel button to save time and money.
- Ink-level indicator helps ensure you never run out of ink in the middle of an important project.
- Reduce paper costs with guided manual two-sided printing.
- Parallel and USB ports for PC or Mac.
- Compatible with Microsoft® Windows® 95, 98, Me, NT 4.0, 2000 Professional, Windows® XP and Macintosh® OS 8.6 – 9.x and OS X.

\* Up to 4800 x 1200-optimised dpi colour printing on premium photo papers, 1200 x 1200-input dpi.

\*\* Product technology is based on award-winning family of products, including selected HP Deskjet 900 series printers



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## technical specifications

|  |  |              |               |
|--|--|--------------|---------------|
| <b>print technology</b>                          | HP Thermal Inkjet  |              |               |
| <b>printhead nozzles</b>                         | 300 black ink nozzles, 12 kHz maximum firing frequency<br>408 colour ink nozzles, 18 kHz maximum firing frequency  |              |               |
| <b>print speed</b><br>(up to # pages per minute) | <b>document type</b>   | <b>draft</b> | <b>normal</b> |
|  | Black text A4  | 12           | 6             |
|  | Mixed text/colour graphics A4  | 10           | 4.5           |
|  | 10x15 cm colour photo (photo paper)  | 0.5          | 0.3           |
|  | Full page colour A4  | 3            | 0.8           |
|  | Approximate figures. Exact speed will vary depending on the system configuration, software program, and document complexity.   |              |               |
| <b>print quality</b>                             | Black: 600 x 600 dpi<br>Colour: colour input resolution: 1200 x 1200 dpi (inkjet paper/best/1200 dpi text rendering);<br>Colour output resolution (subject to input resolution above): 1200 x 1200 dpi or 4800 x 1200 optimised dpi*<br>colour printing on premium photo papers (best)   |              |               |
| <b>colour technology</b>                         | HP Photorec III precision technology, HP digital photography technology  |              |               |
| <b>operating systems compatibility</b>           | Microsoft® Windows® (95, 98, Me, NT 4.0, 2000 Professional, XP Home and Professional); Mac OS 8.6, 9.0, X  |              |               |
| <b>minimum system requirements</b>               | For PC: CD-ROM drive or internet access, 40 MB of hard disk space, Microsoft® Windows® XP: Intel® Pentium® 233 MHz; 128 MB RAM, Microsoft® Windows® 2000 Professional and NT® 4.0: Pentium 133 MHz; 64 MB RAM, Microsoft® Windows® 95, 98 and Me: Pentium 150 MHz; 32 MB RAM<br>For Mac: CD-ROM drive or internet access, Mac OS X: 128 MB RAM, Mac OS 8.6 or above: 64 MB RAM |              |               |
| <b>memory</b>                                    | 2 MB built-in RAM  |              |               |
| <b>printer languages</b>                         | HP PCL Level 3 enhanced  |              |               |
| <b>typefaces/fonts</b>                           | 8 built-in, 4 each in portrait and landscape orientations: CG Times, CG Times Italic; Univers, Univers Italic; Courier, Courier Italic; Letter Gothic, Letter Gothic Italic  |              |               |
| <b>cartridge alignment</b>                       | +/- 0.05 mm  |              |               |
| <b>duty cycle</b>                                | 1,000 pages per month  |              |               |
| <b>recommended media weight</b>                  | 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> , photo: up to 240 g/m <sup>2</sup>  |              |               |
| <b>recommended media</b>                         | Paper: A4 210 x 297 mm, A5 148 x 210 mm, B5 182 x 257 mm, transparencies: A4 210 x 297 mm, envelopes: DL 220 x 110 mm, C6 114 x 162 mm, cards: A6 105 x 148.5 mm, labels: A4 210 x 297 mm, photo paper: A4 210 x 297 mm, 102 x 152 mm (with tear off tab)  |              |               |
| <b>media sizes</b>                               | Standard: A4, A5, A6, B5-JIS, C6, DL; custom: 256 x 356 mm to 76 x 127 mm  |              |               |
| <b>media handling/input</b>                      | Sheets: up to 100. Banners: n/a. Envelopes: up to 15. Cards: up to 40. Transparencies: up to 25. Labels/A4 sheets: up to 20.   |              |               |
| <b>paper input trays</b>                         | 100 sheet fold-up paper tray   |              |               |
| <b>media handling/output</b>                     | 50 sheets  |              |               |
| <b>two sided printing capability</b>             | Manual (driver support provided)   |              |               |
| <b>power requirements</b>                        | Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), Internal  |              |               |
| <b>power consumption</b>                         | 2 watts maximum when off, 4 watts minimum in standby mode, 25 watts maximum when printing  |              |               |
| <b>interface and connectivity</b>                | IEEE 1284-Centronics parallel compatible, Universal Serial Bus (USB)   |              |               |
| <b>software included</b>                         | HP Photo Printing software   |              |               |
| <b>advanced features</b>                         | Low ink warning, print cancel button, manual two-sided printing  |              |               |
| <b>dimensions (w x d x h)</b>                    | Out of package: 445 x 380 x 197 mm. Out of package: with trays up: 445 x 256 x 197 mm.<br>Out of package: with two-sided printing module: 445 x 380 x 197 mm. Packaged: 497 x 300 x 268 mm   |              |               |
| <b>product weight</b>                            | Out of package: 3 kg; packaged: 7 kg   |              |               |
| <b>operating environment</b>                     | Environmental ranges: Operating temperature: 5 to 40° C. Operating humidity: 15 to 80% RH.<br>Operating humidity recommended: 20 to 80% RH. Recommended operating temperature: 15 to 35° C.<br>Storage temperature: -40 to 60° C. Noise level per ISO 9296. Sound power: 6.2 B(A), sound pressure: 46 dB(A).   |              |               |
| <b>ENERGY STAR</b>                               | Yes  |              |               |
| <b>supplies life</b>                             | Black and white: c6615de hp no. 15 black inkjet print cartridge (25 ml) 603 pages**<br>Colour: c6578ae hp no. 78 tri-colour inkjet print cartridge (38 ml) 970 pages**   |              |               |
| <b>warranty</b>                                  | 1 year limited warranty backed up by hp customer care service and support  |              |               |

\* Up to 4800 x 1200-optimised dpi colour printing on premium photo papers, 1200 x 1200-input dpi.

\*\* Based on 5% coverage for black and white and 15% for colour, in normal mode.

<http://www.hp.com>

<http://productfinder.support.hp.com>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991700 or 70101125, **Egypt:** 532 5222, **Estonia:** (+372) 6505 263, **Finland:** (09) 88721, **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:** (370) 2 787 333, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 zł + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **RSA:** (27)11 785 1000, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Slovakia:** +421-2-50205611, **Spain:** (91) 6311600, **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, **Yugoslavia:** +381 11 322 80 14.

### Document type examples:



## ordering information

**c8952a** hp deskjet 3820 colour inkjet printer, hp 15 black inkjet print cartridge, hp 78 tri-colour inkjet print cartridge, power cord, reference guide (Microsoft® Windows® and Macintosh®), setup poster (Windows® and Macintosh®), printer software on CD-ROM

### accessories

**j062a** hp wireless print server wp110 (802.11b)

### supplies

**c6615ne/c6615de** hp no. 15 black inkjet print cartridge (14/25 ml)

**c6578de/c6578ae** hp no. 78 tri-colour inkjet print cartridge (19/38 ml)

### cables

**c2950a/c2951a** hp IEEE 1284-compliant A-B parallel cable (2 m/3 m)

**c6518a** hp USB cable 2 m

### media

**c5977b/c1825a** hp bright white inkjet 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, matt, A4 (100 sheets)

**c6818a** hp brochure & flyer paper, glossy, A4 (50 sheets)

**c3832a/c3835a** hp premium inkjet transparency film, A4 (20/50 sheets)

**c7031a/c7029a** hp premium plus transparency film, A4 (20/50 sheets)

**c6984a** hp photo-quality paper, semi-glossy A4 (25 sheets)

**c6040a/c7040a** hp premium photo paper, glossy, A4 (15/50 sheets)

**c7891a/c7894a** hp photo paper, glossy, 10 x 15 cm (20/60 sheets)

**c1847a** hp two-sided photo paper, glossy/matt, A4 (12 sheets)

**c6832a/q1786a** hp premium plus photo paper, glossy, A4 (20/50 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)

**c6042a** hp matt greeting cards, white/quarter-fold (20 cards/envelopes)

**c6045a** hp photo greeting cards, white/half-fold (10 cards/envelopes)

**c6829a** hp textured greeting cards, cream/half-fold (20 cards/envelopes)

**c6050a** hp iron-on transfers, A4 (10 sheets)

**chp210** hp printing paper, A4 (500 sheets)

### support packs in europe

**h5461a/h5461e** 3 years next day exchange

**h3696a/h3696e** 3 years standard exchange (7 days service)

### retail packs

**h7582a** 3 years next day exchange in NL, France, Spain, UK, Italy

**h7579a** 3 years standard exchange in NL, France, Spain, UK, Italy and Germany

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