



technical data

HP's smart colour printer designed for professionals

professional photo-quality

- get best photo-quality with HP PhotoREt 3 colour layering technology — more colour shades for incredibly realistic images
- up to 4800 optimised dpi in colour* and rich black text
- print longer lasting photos with specially formulated hp fade-resistant inks and photo papers

smart features

- one-touch print cancel button stops unwanted print jobs
- low-ink indicator light ensures you never run out of ink while printing
- fold-up paper tray saves space and allows compact storage

speed

- prints up to 12 ppm in black and 10 ppm in colour
- networkable with optional hp jetdirect wired and wireless print servers

* up to 4800 x 1200 optimised dpi colour printing on hp colourfast photo paper and 1200 x 1200 input dpi



hp deskjet 3820

technical specifications

print method	drop-on-demand thermal inkjet printing																				
print quality	colour: HP's PhotoREt 3 colour layering technology, up to 4800 x 1200 optimised dpi using hp colourfast photo paper and 1200 x 1200 input dpi black: up to 600 x 600 dpi with black pigmented ink																				
print speed†	<table border="0"> <thead> <tr> <th>document type</th> <th>draft</th> <th>normal</th> <th>best</th> </tr> </thead> <tbody> <tr> <td>black text</td> <td>12ppm</td> <td>6ppm</td> <td>2.5ppm</td> </tr> <tr> <td>mixed text/colour graphics</td> <td>10ppm</td> <td>4.5ppm</td> <td>1.0ppm</td> </tr> <tr> <td>full-page colour</td> <td>3.0ppm</td> <td>0.8ppm</td> <td>0.25ppm</td> </tr> <tr> <td>4" x 6" colour photo</td> <td>0.5ppm</td> <td>0.3ppm</td> <td>0.15ppm</td> </tr> </tbody> </table>	document type	draft	normal	best	black text	12ppm	6ppm	2.5ppm	mixed text/colour graphics	10ppm	4.5ppm	1.0ppm	full-page colour	3.0ppm	0.8ppm	0.25ppm	4" x 6" colour photo	0.5ppm	0.3ppm	0.15ppm
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media type/size	paper: plain, inkjet, photo, glossy; A4 210 x 297 mm; A5 148 x 210 mm; letter 216 x 279 mm; legal 216 x 356 mm; executive 184 x 267 mm; B5-JIS 182 x 257 mm envelopes: U.S. No.10 105 x 241 mm; A2 invitation 111 x 146 mm; DL 110 x 220 mm; C6 114 x 162 mm transparencies: A4 210 x 297 mm; letter 216 x 279 mm labels: A4 210 x 297 mm; letter 216 x 279 mm index cards: 76 x 127 mm; 102 x 152 mm; 127 x 203 mm; A6 card 105 x 148.5 mm; Japanese Hagaki Postcard 100 x 148 mm custom size: width 77 to 216 mm; length 77 to 356 mm																				
recommended media weight	paper: 60 to 90 g/m ² ; envelopes: 75 to 90 g/m ² ; cards: 110 to 200 g/m ²																				
media handling	input: sheets: up to 100; envelopes: up to 15; cards: up to 40; greeting cards: up to 5; transparencies: up to 25; labels: up to 20 sheets (use only letter or A4-size sheets); photo paper: up to 50 output: sheets: up to 50; envelopes: up to 10; cards: up to 10; transparencies: up to 30; labels: up to 20																				
duty cycle	1,000 pages per month																				
dimensions (w x h x d)	with paper tray down and extended: 529.45 mm x 193.85 mm x 375.3 mm with paper tray up: 529.45 mm x 193.85 mm x 254.5 mm																				
weight	5.27 kg																				
processor	96 Mhz																				
memory	2 MB built-in RAM																				
interface and connectivity	Universal Serial Bus 2.0 full speed (PC and Macintosh™) and parallel (IEEE 1284 Centronics)																				
printer command language	HP PCL level 3 enhanced																				
fonts	4 built-in bitmap font families: CG Times, Univers, Courier, Letter Gothic																				
power requirements	power modules: input voltage 100 – 240 VAC ± 10%, 50/60 Hz ± 3 Hz																				
power consumption	2 watts maximum when off; 4 watts minimum non-printing; 25 watts maximum average printing																				
operating environment	recommended: 15° to 35°C, 20 to 80% RH non-condensing maximum: 5° to 40°C, 15 to 80% RH non-condensing storage temperature: -40° to 60°C noise levels per ISO 9296: sound power LwAd, 6.2 B(A); sound pressure LpAm, 45 dB(A) (best mode)																				
minimum system requirements	CD-ROM drive or Internet access required Windows XP Home and Professional: Pentium® 233Mhz; 128MB RAM Windows 2000 Professional and NT® 4.0: Pentium® 133Mhz; 64MB RAM Windows ME, 98 and 95: Pentium® 150Mhz; 32MB RAM Mac OS X: 128MB RAM Mac OS 8.6 – 9.x: 64MB RAM																				
software compatibility	Microsoft Windows (XP Home and Professional, 2000 Professional, ME, 98, 95 and NT® 4.0); Mac OS X, 8.6 – 9.x																				



black text



colour mixed text and graphics



4" x 6" colour photo



full-page colour

The above thumbnail images are approximate representations of document types.

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

ordering information

number	description
C8952D	hp deskjet 3820 (includes black print cartridge; colour print cartridge; power cord; Windows and Mac reference guide; Windows and Mac setup posters; printer software for PC and Mac on CD; hp photo paper sampler pack)
supplies	
C6615DA	hp 15 black inkjet print cartridge
C6578DA†/C6578AA†	hp 78 tri-colour inkjet print cartridge
hp colourfast photo paper, glossy	
Q1951A	A4-size, 20 sheets
hp flip magic! photo paper pack†	
Z4269A	4R-size, 12 sheets, 4 magic lenses
hp photo paper, glossy	
C6765A	A4-size, 20 sheets
hp everyday photo paper, semi-gloss	
C7006A	A4-size, 25 sheets
hp iron-on transfers	
C6065A	A4-size, 10 sheets
hp textured greeting cards†	
C6829A	A4-size, 20 sheets, 20 envelopes
hp premium inkjet paper	
Q1936A	A4-size, 200 sheets
external print servers	
J3258B	hp jetdirect 170x
J6035A	hp jetdirect 175x
J6061A	hp jetdirect 380x

† Available in selected Asia Pacific countries only.

To order HP supplies and accessories, contact your local HP sales office or nearest HP authorised dealer.

Hewlett-Packard offices

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India	: (91) 9628 123123
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Korea	: (82-2) 3270 0720
Malaysia	: (60-3) 2698 1111
New Zealand	: (0800) 733 547
Philippines	: (63-2) 636 9888
PRC	: (86) 800 820 2255
Singapore	: (65) 6272 1788
Taiwan	: (886-2) 2717 0055
Thailand	: (66-2) 353 9500
Vietnam	: (848) 823 6215

Bangladesh, Brunei, Cambodia, Pakistan and Sri Lanka: : Fax (65) 6275 6707

dealer's stamp

hp customer care

One-year limited warranty; optional HP SupportPack for 3 years from purchase date; 24-hour electronic support available free at www.hp.com/go/support

For specific warranty details, please check with your local country reseller.

For more information, visit us at <http://www.hp.com/apac/homeandoffice>



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Printed in Singapore 6/2002
P/N: 5981-1566EEP