hp deskjet 3820

hp invent

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
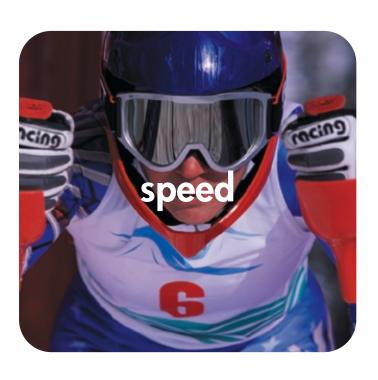- print longer lasting photos with specially formulated hp fade-resistant inks and photo papers

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

print confidence

speed

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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†

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

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/m²; **envelopes:** 75 to 90 g/m²; **cards:** 110 to 200 g/m²
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.

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**