

HP Deskjet 6840 Colour Inkjet Printer



Print from wireless devices¹ or share your printer across a network with built-in Ethernet and 802.11g. Print at up to 30 ppm black/20 ppm colour; or produce professional-quality photos at up to 4800-optimised dpi².

The HP Deskjet 6840 Colour Inkjet Printer is designed for home and microbusiness users who need easy Wi-Fi and network printing, breakthrough print speeds, two-sided printing plus the ability to produce professional-quality borderless photos.

Share your printer across wired or wireless networks – built-in Wi-Fi and network printing.

- Share your printer with up to five unique users using built-in wired Ethernet or wireless 802.11g networking.
- Print direct from Wi-Fi-enabled notebook, Pocket PC or PDA¹.
- Enjoy hassle-free wireless network set-up and enhanced network security with optional Wireless Network Key technology³.
- Advanced control panel includes wireless and networking status.

Get maximum performance with breakthrough print speeds and automatic two-sided printing.

- Get the job done faster – high-speed printing at up to 30 pages per minute in laser-quality black text, up to 20 pages per minute in colour.
- Control print costs and print on both sides of a sheet with the included automatic two-sided printing accessory.
- Save time and ink – stop jobs printing using the one-touch print cancel button.
- Increase paper input capacity to 400 and reduce interruptions with the optional 250-sheet plain paper tray.

Print professional quality photos – with or without borders.

- Get great results every time with up to 4800-optimised dpi colour².
- Print virtually grain-free photos with optional 6-ink colour printing⁴ with HP Photoret IV precision technology.
- Produce stunning black & white photos with optional HP No. 100 Grey Photo Inkjet Print Cartridge⁵.
- Print with or without borders in a range of formats: 10 x 15 cm, 13 x 18 cm, Panorama (10 x 30 cm), A4 or even double A4 (210 x 594 mm).
- Print photos without a PC directly from PictBridge-enabled digital camera.

¹With compatible 802.11g and b devices. Wireless performance is dependent upon distance between wireless network clients and printer.

²Up to 4800 x 1200-optimised dpi colour when printing from a computer and 1200-input dpi.

³Use of Wireless Network Key technology requires Windows® XP, SmartKey-enabled router and USB Flash drive; not included, sold separately.

⁴6-ink photo printing available with separate purchase of photo cartridge; not included; sold separately.

⁵HP No. 100 Grey Photo Inkjet Print Cartridge not included; sold separately.

Technical specifications

Print technology	HP Thermal Inkjet			
Print head nozzles	672 black ink nozzles, 600 colour ink nozzles, 600 photo ink nozzles (optional)			
Print speed (Up to # pages per minute) (Up to # pages per minute) (As fast as # seconds)	Document type	Draft	Fast normal	Normal
	Black text A4	30	11.6	9.8
	Mixed text/colour graphics A4	20	7.4	5.7
	10 x 15 cm colour photo (photo paper)	27	33	53
	Dependent upon document type and print mode.			
Print quality	Black: Up to 1200 x 1200-rendered dpi Colour: Up to 4800 x 1200-optimised dpi colour printing and 1200-input dpi when printing from a computer			
Colour technology	HP Photoret III (HP Photoret IV with optional photo cartridge)			
Operating systems compatibility	Microsoft® Windows® 98, 98 SE, Me, 2000 Professional, XP Mac OS v 9.1-9.2.2, Mac OS X v 10.1.5, v 10.2.3, v 10.3.x			
Minimum system requirements	For all systems: CD-ROM drive, available USB port and USB cable for direct connection, networking and wireless features require a working Ethernet or wireless 802.11 b/g network, SVGA 800 x 600 monitor with 16-bit colour For PC systems: any Intel® Pentium® II or Celeron® processor; Microsoft® Windows® 98, 98 SE, Me, 2000 Professional, XP (does not support Windows 3.1, 95, NT 4.0, DOS); 128 MB RAM; 450 MB available hard disk space for full software installation (150 MB for basic software installation without HP Image Zone software); Microsoft Internet Explorer 5.01 or higher For Mac systems: G3 processor; Mac OS X v 10.1.5, 10.2.3 and later, 10.3.x; Mac OS 9.1 and later (does not support Mac OS 9.0 and earlier or OS X v 10.2, 10.2.1, 10.2.2); 128 MB RAM; 75 MB available hard disk space for software installation; any Web browser			
Memory	32 MB			
Printer languages	HP PCL Level 3 enhanced			
Typefaces/fonts	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			
Cartridge alignment	± 0.06 mm			
Duty cycle	Up to 5,000 pages per month			
Recommended media weight	A4: 60 to 90 g/m ² , HP banner paper: 60 to 90 g/m ² , HP envelopes: 75 to 90 g/m ² , HP cards: up to 200 g/m ² , HP photo paper: up to 280 g/m ²			
Recommended media	Paper: A4 210 x 297 mm, A5 148 x 210 mm, B5 182 x 257 mm, banner: A4 210 x 297 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, Panorama 300 x 100 mm, 130 x 180 mm, 100 x 150 mm (with or without tear-off/cut-off tab)			
Media sizes	Standard: A4, A5, A6, B5, C6, DL, Letter (8.5 x 11 in), borderless photo (A6, A5, A4, B5, 10 x 15 cm, 10 x 30 cm Panorama) Custom: 77 x 127 to 215 x 610 mm			
Media handling/input (up to #)	Sheets: 150 (400 with optional 250-sheet paper tray), banners: 20, envelopes: 20, cards: 30, transparencies: 30			
Media handling/output (up to #)	Sheets: 50			
Duplex printing	Automatic (standard)			
Paper input trays	Standard: 150-sheet input tray Optional: 250-sheet paper tray, HP Auto Two-sided Print Accessory with Small Paper Tray			
Power requirements	Input voltage 100 to 240 VAC (± 10%), 50/60 Hz (± 3 Hz). External			
Power consumption	62.5 watts average printing, 5 watts average non-printing			
Interface and connectivity	USB – compatible with USB 2.0 specifications, wireless 802.11g (802.11b compatible), Ethernet, PictBridge			
Control panel	Advanced control panel with ink level indicators, network and wireless status lights and print cancel button			
Software included	HP Image Zone Photo and Imaging software			
Dimensions (w x d x h)	Out of package: 451 x 433 x 144 mm, packaged: 532 x 231 x 467 mm			
Weight	Out of package: 6.9 kg, packaged: 8.5 kg			
Operating environment	Operating temperature: 15 to 35° C, recommended operating temperature: 15 to 30° C, operating humidity: 15 to 80% RH, non condensing, recommended operating humidity: 20 to 80% RH, non-condensing, storage temperature: -40 to 60° C, storage humidity: 5 to 90% RH, non condensing. Noise level per ISO 9296, sound power: LwAd Best: 5.1 B(A), sound pressure: LpAm Best: 39 dB(A), Normal: 49 dB(A), FastNormal: 50 dB(A), FastDraft: 52 dB(A)			
Safety	IEC 60950: 1999 third edition/EN 60950: 2000 (for printers & adapters); IEC 60825-1: 1993 + A1; 1997 + A2: 2001/EN 60825-1: 1994/Class 1 for LEDs			
Certifications	EN55022: 1998/Class B/CISPR 22: 1997 Class B/CISPR 22: +A1 2000; EN55024: 1998; EN 61000-4-2: 1995; EN 61000-4-3: 1996; EN 61000-4-4: 1995; EN 61000-4-5: 1995; EN 61000-4-6: 1996; EN 61000-4-8: 1993; EN 61000-4-11: 1994; IEC/EN 61000-3-2: 1995/A14: 2000; IEC/EN 61000-3-3: 1995; IEC/EN 61000-3-2: 2000 (second edition); IEC/EN 61000-3-3: 1995 + A1: 2001; FCC Title 47 CFR, Part 15 Class B; EN 300 328-2 v 1.2.1 (2001-12) EN 301 489-17 v 1.2.1 (2002-04); notified body number -0984 CE0984			
Energy Star®	Yes			
Supplies life	C8765EE HP No. 338 Black Inkjet Print Cartridge (11 ml) 450 pages ¹ C8767EE HP No. 339 Black Inkjet Print Cartridge (21 ml) 800 pages ¹ C8766EE HP No. 343 Tri-colour Inkjet Print Cartridge (7 ml) 260 pages (± 10%) ¹ C9363EE HP No. 344 Tri-colour Inkjet Print Cartridge (14 ml) 450 pages (± 10%) ¹ C9369EE HP No. 348 Photo Inkjet Print Cartridge (13 ml) 135 10 x 15 cm photos (± 10%) ² C9368AE HP No. 100 Grey Photo Inkjet Print Cartridge (15 ml) 80 10 x 15 cm photos in black & white (± 10%) ¹ Based on 5% coverage for black and white and 15% for colour, in normal mode. ² In combination with HP No. 343 Tri-colour Inkjet Print Cartridge (7 ml) or HP No. 344 Tri-colour Inkjet Print Cartridge (14 ml).			
Warranty	One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support			

This printer and its replacement cartridges are designated for sale only in EU, EFTA and BG, RO, MD, TR, AL, BIH, YU, MK, HR, DOM/TOM.

<http://www.hp.com>

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Ordering information

C9031B HP Deskjet 6840 Colour Inkjet Printer, HP No. 339 Black Inkjet Print Cartridge (21 ml), HP No. 344 Tri-colour Inkjet Print Cartridge (14 ml), HP Auto Two-sided printing accessory ph5712, HP Image Zone Photo and Imaging software, printer software and user's guide on CD-ROM, setup poster, reference guide, network guide, Ethernet cable, power supply, power cord

Cables

C6518A HP USB Cable, 2 m

Inkjet printing supplies

C8767EE HP No. 339 Black Inkjet Print Cartridge (21 ml)

C8765EE HP No. 338 Black Inkjet Print Cartridge (11 ml)

C8766EE HP No. 343 Tri-colour Inkjet Print Cartridge (7 ml)

C9363EE HP No. 344 Tri-colour Inkjet Print Cartridge (14 ml)

C9369EE HP No. 348 Photo Inkjet Print Cartridge (13 ml)

C9368AE HP No. 100 Grey Photo Inkjet Print Cartridge (15 ml)

Paper Handling

Q3447A HP 250-sheet Paper Tray

Q3032A HP Two-Sided Printing Accessory with Small Paper Tray

Small format media

C6832A/Q1786A HP Premium Plus Photo Paper, high-gloss, A4 (20/50 sheets, 280 g/m²)

C6951A HP Premium Plus Photo Paper, satin-matt, A4 (20 sheets, 280 g/m²)

Q6573A HP Premium Plus Photo Paper, high-gloss, 10 x 30 cm panorama (20 sheets, 280 g/m²)

Q6572A HP Premium Plus Photo Paper, high-gloss, 13 x 18 cm borderless (20 sheets, 280 g/m²)

Q2503A HP Premium Plus Photo Paper, high-gloss, 10 x 15 cm borderless (20 sheets, 280 g/m²)

Q2519A/C7040A HP Premium Photo Paper, glossy, A4 (20/50 sheets, 240 g/m²)

Q5433A/Q5434A HP Premium Photo Paper, satin-matt, A4 (20/50 sheets, 240g/m²)

Q5479A/Q6601A HP Premium Photo Paper, glossy, 10 x 15 cm borderless (20/60 sheets)

C1853A HP Premium Heavyweight Paper, matt, A4 (100 sheets, 135 g/m²)

C5977B/C1825A HP Bright White Inkjet Paper, A4 (250/500 sheets, 90 g/m²)

CHP110 HP Office Paper, A4 (500 sheets, 80 g/m²)

CHP113 HP Office Paper, A4 quickpack (2,500 sheets, 80 g/m²)

