HP Deskjet 6840/6840dt
Color Inkjet Printer

Work with freedom using built-in networking and 802.11g wireless printing*—easily share printers with up to 5 PCs. New wireless network key enables truly hassle-free setup in less than 20 minutes with enhanced network security.** Work more productively with breakthrough performance in up to 30 ppm laser-quality black, up to 20 ppm color. Print professional color up to 4800-optimized dpi*** or add 6-ink color**** Convenient, direct photo printing without a PC using printer's front USB port and

PictBridge-enabled cameras. Create standard and custom size photos up to 8.5x24-inch, with or without borders.***** Save time and use up to 50% less paper with optional auto two-sided printing accessory. Automatic paper type sensor and optional 250-sheet plain paper tray are other convenient paper handling features. Enhance and fix photos automatically with HP Image Zone software. Long-lasting, professional-quality photos with exceptional fade resistance.******

*With compatible 802.11g and 802.11b devices. Wireless performance is dependent upon distance and terrain between wireless network clients and printer.
**Use of wireless network key setup requires Windows XP, USB Flash drive-enabled router and USB Flash drive; not included, please purchase separately
***Up to 4800x1200-optimized dpi color when printing from a computer and 1200-input dpi
****6-ink printing available with purchase of HP 99 Photo Inkjet Print Cartridge (sold separately; not included)
*****Using brochure and photo papers for borderless printing
******Based on HP light fade testing under glass using the included HP 97 Tri-color and optional HP 99 Photo Inkjet Print Cartridges on HP Premium Plus photo papers.

Wired and wireless networking plus breakthrough speed and direct photo printing

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Wired and wireless networking

- Work with freedom using built-in networking and 802.11g wireless printing*—easily share printer with up to 5 PCs, without wires. New wireless network key enables truly hassle-free setup in less than 20 minutes with enhanced network security.**

Breakthrough performance

- Breakthrough speeds in laser-quality black up to 30 ppm, color up to 20 ppm

- Keep working productively—complete your print job even if one print cartridge runs out of ink with automatic ink-backup printing mode. Printing will be completed with remaining color or black ink cartridge.

Professional photo quality

- Make a positive impression every time you print with reliable, professional photo-quality color and laser-quality black. Enjoy the versatility of printing in 4800-optimized dpi color*** and 4-ink color, or optional 6-ink color**** for richer photos.

- Organize, edit, enhance and fix digital photos with HP Image Zone software

- Print professional photos that resist fading longer than traditionally processed photos******* with optional 6-ink color printing and HP Premium Plus photo papers. Produce bright, vivid prints with exceptional fade resistance.

Direct printing from camera

- Print photos without a PC using select HP and other PictBridge-enabled cameras. PictBridge is a new industry standard that lets you simply connect and print photos using a USB cable and front USB port on printer.

Photos with or without borders

- Print standard and custom size photos, with or without borders, in up to 8.5x24-inches.***** Easily print photos for display in standard frame sizes using pre-cut 4x6, 5x7 and 8x10 photo papers.

High-volume paper handling

- Save time and use up to 50% less paper with optional HP Auto Two-Sided Print Accessory (included with Deskjet 6840dt printer)—no need to manually flip over paper. Option for higher volume paper handling (standard with Deskjet 6840dt printer)—up to 400-sheet total capacity—with additional 250-sheet plain paper input tray.******

Higher volume ink supplies

- Increase value and pages printed with higher volume HP black and tri-color ink cartridges. Save time and hassle with fewer replacements of higher volume ink cartridges.

*With compatible 802.11g and b devices. Wireless performance is dependent upon distance and terrain between wireless network clients and printer.
**Use of wireless network key setup requires Windows XP, USB Flash drive-enabled router and USB Flash drive; not included, please purchase separately
***Up to 4800x1200-optimized dpi color and 1200-input dpi
****6-ink printing available with purchase of HP 99 Photo Inkjet Print Cartridge (sold separately, not included)
*****Using brochure and photo papers for borderless printing
******With purchase of HP Auto Two-Sided Print Accessory ph5712 and HP 250-sheet Plain Paper Tray pt3447 (not included with the Deskjet 6840 printer; sold separately; included with the Deskjet 6840dt printer)
*******Based on HP light fade testing under glass using the included HP 97 Tri-color and optional HP 99 Photo Inkjet Print Cartridges on HP Premium Plus photo papers

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Technical specifications

Print technology	HP Thermal Inkjet
Print resolution	**Black:** Up to 1200 x 1200-rendered dpi; **Color:** Up to 4800-optimized dpi color and 1200-input dpi;
	Print resolution technology: HP PhotoREt III (HP PhotoREt IV with optional photo cartridge)
Print speed*	**Black:** Up to 30 ppm; **Color:** Up to 20 ppm
Printer languages	HP PCL Level 3 enhanced
Duty cycle (maximum monthly volume)	5000
Connectivity	External I/O ports: 1 USB, 1 Ethernet, 1 PictBridge; Connectivity, standard: Wireless Ethernet 802.11g (802.11b compatible), Wired Ethernet, Universal Serial Bus, PictBridge
Direct print capability	Yes (PictBridge cameras)
Wireless capability	802.11g, 802.11b
Media handling	**Input tray:** 150 sheet; **Output tray:** 50 sheet; **Input capacity:** Up to 150 letter/legal (up to 400 with optional 250-sheet paper tray included with Deskjet 6840dt); up to 30 transparencies; up to 30 labels, up to 20 banners, up to 20 envelopes; up to 30 cards; **Output capacity:** Up to 50 letter/legal paper, up to 30 transparencies, up to 30 labels, up to 20 cards; Automatic paper sensor supported
Borderless print capability	Yes, up to 8.5 x 24 in
Media types	Paper (plain, inkjet, photo, banner), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
Media sizes	Letter, legal, executive, No. 10 envelopes, cards, borderless photo, borderless panoramic;
	Custom media sizes: 3x5 to 8.5x24 in (77x127 to 215x610 mm)
Media weights	**US letter:** 16 to 24 lb; **Legal:** 20 to 24 lb; **Banner:** 16 to 24 lb; **Envelopes:** 20 to 24 lb; **Cards:** Up to 110 lb index maximum; **Photo paper:** Up to 130 lb index
Memory	32 MB
Vertical alignment accuracy/skew	+/- 0.002 in (+/- 0.05 mm); **Plain paper skew:** +/- 0.006 in; **Transparency skew:** +/- 0.010 in
Typefaces	8 built-in fonts, 4 each in portrait and landscape orientations: CG Times, CG Times Italic, Univers, Univers Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic
Electromagnetic Compatibility	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

* Depending upon document type and mode

Compatible Operating Systems
Microsoft Windows 98, 98 SE, Me, 2000 Professional, XP; Mac OS v 9.1 and later; Mac OS X v 10.1.5, v 10.2.3, v 10.3.x

Compatible Network Operating Systems
With built-in Ethernet (802.3) or wireless (802.11g): TCP/IP: IP DirectMode, Pot 9100 Printing; Status, SNMP; Discovery, SLP and mDNS. Advanced Security: Wired Equivalent Privacy (WEP) as defined in the 802.11b standard, and (supports 802.11g); Wi-Fi Protected Access (WPA) The WPA solution is comprised of two components: Temporal Key Integrity Protocol (TKIP) encryption, and 802.1x technology. Auto IP. Apple Rendezvous.

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 color; and Adobe® Acrobat® 5 or higher recommended; internet access recommended;
For PC systems: Any Intel® Pentium® II or Celeron® processor; Microsoft® Windows® 98, 98 SE, Me, 2000 Professional or XP (does not support Windows 3.1, 95, NT® 4.0 or 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 Macintosh systems: G3 processor; Mac® OS X v10.1.5, v10.2.3 and later, v10.3.x; Mac OS 9.1 and later (does not support Mac OS 9.0 and earlier or OS X v10.2, v10.2.1, v10.2.2); 128 MB RAM; 75 MB available hard disk space for software installation; any web browser

Dimensions (w x d x h)/weight
17.72 x 14.45 x 5.67 in (451 x 367 x 144 mm)/13.2 lb (6 kg)

Operating environment
Recommended operating temperature: 59 to 86° F (15 to 30° C); Recommended storage temperature: -40 to 140° F (-40 to 60° C); Humidity range: 20 to 80% RH; Recommended operating range: 5 to 90% RH; Non-operating range: 15 to 80% RH

Acoustics
Sound Power — Best: 5.1 B(A), Normal: 6.1 B(A), FastNormal: 6.3 B(A), FastDraft: 6.4 B(A)
Sound Pressure — Best: 39 dB(A), Normal: 49 dB(A), FastNormal: 50 dB(A), FastDraft: 52 dB(A)

Power supply
Type: external

Power requirements
Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3Hz)

Power consumption
62.5 watts maximum (average printing)

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 in North America.

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Ordering information	Product number	Description
HP Deskjet 6840	C9029A	HP Deskjet 6840 Color Inkjet Printer
HP Deskjet 6840dt	C9030A	HP Deskjet 6840dt Color Inkjet Printer
Replacement Ink Cartridges	C8767W	HP 96 Black Inkjet Print Cartridge (21ml)
This printer and its replacement cartridges	C9363W	HP 97 Tri-color Inkjet Print Cartridge (14ml)
are designated for sale in North America.	C8765W	HP 94 Black Inkjet Print Cartridge (11ml)
	C8766W	HP 95 Tri-color Inkjet Print Cartridge (7ml)
	C9369W	HP 99 Photo Inkjet Print Cartridge (13ml)
	C9368A	HP 100 Gray Photo Inkjet Print Cartridge (15ml)
HP Business Communication Paper & Film		
HP Bright White Inkjet Paper	C5976B	250 sheets
	C1824A	500 sheets
HP Inkjet Everyday Paper	51634Y	200 sheets
HP Brochure and Flyer Paper, Glossy	C6817A	50 sheets
HP Brochure and Flyer Paper, Matte	C6955A	50 sheets
HP Premium Inkjet Transparency Film	C3828A	20 sheets
	C3834A	50 sheets
HP Tri-fold Brochure Paper, Glossy	C7020A	100 sheets
HP Photo Papers		
HP Photo Paper	C1846A	letter size, 20 sheets
	C6982A	letter size, 60 sheets
	C7890A	4 x 6 in., 20 sheets
	C7893A	4 x 6 in., 20 sheets
HP Everyday Photo Paper, Semi-gloss	C6983A	letter size, 25 sheets
HP Everyday Photo Paper, Matte	C7007A	letter size, 100 sheets
HP Premium Photo Paper	C6039A	letter size, 15 sheets
	C6979A	letter size, 50 sheets
	Q1988A	4 x 6 in, 20 sheets
	Q1989A	4 x 6 in, 60 sheets
	Q1990A	4 x 6 in, 100 sheets
HP Premium Plus Photo Paper, Glossy	C6831A	letter size, 20 sheets
	Q1785A	letter size, 50 sheets
	Q1977A	4 x 6 in, 20 sheets
	Q1978A	4 x 6 in, 60 sheets
	Q5431A	4 x 6 in, 100 sheets
HP Premium Plus Photo Paper, Glossy, Borderless	Q2502A	4 x 6 in, 60 sheets
HP Premium Plus Photo Paper, Matte	C6950A	letter size, 20 sheets
	Q5450A	letter size, 50 sheets
	Q2506A	4 x 6 in, 60 sheets
HP Creative Papers		
HP Greeting Card Paper, White, Quarter-fold	C1812A	20 sheets/envelopes
HP Matte Greeting Card, White, Half-Fold	C7018A	20 sheets/envelopes
HP Textured Greeting Card Paper, White, Half-fold	C7019A	20 sheets/envelopes
HP Textured Greeting Card Paper, Ivory, Half-fold	C6828A	20 sheets/envelopes
HP Linen Greeting Card Paper, White, Half-fold	C1788A	20 sheets/envelopes
HP Photo Greeting Card	C6044A	10 sheets/envelopes
HP Iron-on T-shirt Transfers	C6049A	10 sheets
HP Banner Paper	C1820A	100 sheets (5 continuous stacks of 20)
Accessories		
HP Automatic Two-sided Printing Accessory ph5712	Q5712A	Automatic two-sided printing accessory (included with Deskjet 6840dt)
HP Auto Two-sided Print Accessory with Small Paper Tray ph3032	Q3032A	Auto two-sided printing accessory with small paper tray
HP 250-sheet Paper Tray pt3447	Q3447A	250-sheet paper tray (included with Deskjet 6840dt)
USB Cable	C6518A	HP USB cable 2 m
M-Systems Disk-On-Key Pro	P5313Q	M-Systems Disk-On-Key Pro 64 MB

What's in the box?

- HP Deskjet 6840 Color Inkjet Printer

- HP 96 Black Inkjet Print Cartridge, 21ml ink volume (C8767W)

- HP 97 Tri-color Inkjet Print Cartridge, 14ml ink volume (C9363W)

- HP Photo Printing software (Windows® only)

- Printer software (Windows and Macintosh®) and User's guide on CD-ROM

- Setup poster

- Reference guide

- Network guide

- Ethernet cable

- Power supply

- Power cord

What's in the box?

- HP Deskjet 6840dt Color Inkjet Printer

- HP Automatic Two-sided Printing Accessory ph5712 (Q5712A)

- HP 250-sheet Paper Tray pt3447 (Q3447A)

- HP 96 Black Inkjet Print Cartridge, 21ml ink volume (C8767W)

- HP 97 Tri-color Inkjet Print Cartridge, 14ml ink volume (C9363W)

- HP Photo Printing software (Windows® only)

- Printer software (Windows and Macintosh®) and User's guide on CD-ROM

- Setup poster

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For more information visit our website at www.hp.com