



- Great for all you print—from text to photos.
- Print up to 30 ppm black and up to 23 ppm color.
- Easy to share, save and print vibrant photos.
- PC Magazine's Readers' Choice for service and reliability for 14 straight years.

Great for everything you print—text to photos

Ideal for a variety of documents, Web pages, e-mails, color photos and more

- Easily print on a variety of paper types, including plain, inkjet, photo and more.
- Print beautiful photos in optional 6-ink color¹ and laser-quality text with HP Vivera Inks.
- Automatically remove red eye, enhance detail in dark areas of photos with HP Real Life technologies
- Photos resist fading for generations² and laser-quality text documents retain clarity for decades³
- Easily personalize any CD or DVD with colorful photos and text printed onto HP CD/DVD Tattoos

HP's reliable performance with breakthrough speeds

Count on faster printing at breakthrough black and color speeds

- Fast and efficient document printing up to 30 ppm black and 23 ppm color.
- Save time, paper and ink—with convenient, one-touch Print Cancel button.
- Rely on HP—PC Magazine's Readers' Choice for service and reliability for 14 consecutive years.
- HP inkjet cartridges—designed for efficient ink usage so you can save ink and money.
- Easily select from five print modes—Fast Draft, Fast Normal, Normal, Best and Maximum dpi.



Simple to share, save and print vibrant photos

Simple, vibrant color photos with HP Photosmart Express button and front USB

- Simple to set up and operate with user-friendly software and helpful print features.
- Download photos from digital cameras, card readers and Flash drives using convenient front USB port.
- Print standard and custom-size photos, with or without borders,⁴ from 4 x 6 inch up to panorama.
- Start HP Photosmart Express using one-touch button and PC monitor to share, save and print photos.

¹6-ink printing available with purchase of optional HP 348 Photo Inkjet Cartridge. Not included, sold separately.

²Based on Wilhelm-Research.com light-fade testing under glass (as of January 2005) using the HP 93 Tri-color and the optional HP 99 Photo Inkjet Print Cartridges on HP's premium plus photo papers. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumplusphoto>.

³Based on paper industry predictions for acid-free papers. Colorant stability data at room temperature based on similar systems tested as per ISO 11798 and ISO 18909.

⁴Using brochure and photo papers for borderless printing.

HP Deskjet D4160 Printer

Technical specifications

Print Technology	HP Thermal Inkjet
HP Real Life Technologies	HP Adaptive Lighting, HP Auto Red-eye Removal
Print Resolution	Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 optimized dpi color and 1200 input dpi
Print Speed¹	Black (Draft): Up to 30 ppm; Color (draft): Up to 23 ppm
Recommended Monthly Volume	Up to 1000 pages
Connectivity	2 USB
External IO Ports	1 Hi-Speed USB, 1 Full Speed USB
Borderless Printing Supported	Yes (up to 8.5 x 24 in)
Media Handling	Input capacity: Up to 100 letter/legal; up to 30 transparencies; up to 20 labels; up to 10 envelopes; up to 20 cards; Output capacity: Up to 50 letter/legal paper; up to 15 transparencies; up to 10 labels; up to 10 envelopes; up to 10 cards
Media Types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP's premium media, iron-on transfers, borderless media
Media Sizes Standard	US: Letter, legal, executive, No. 10 envelopes, cards, borderless photo, borderless panoramic; Metric: A2, A4, A5, A6, C6, DL, borderless panorama, borderless photo (A4, A5, A6, 2E, 2L, L, Hagaki), double panorama
Custom Media Sizes	US: 3 x 5 to 8.5 x 24 in; metric: 77 x 127 to 215 x 610 mm
Media Weight	US letter: 16 to 24 lb; legal: 20 to 24 lb; envelopes: 20 to 24 lb; cards: up to 110 lb index maximum; photo paper: up to 75 lb index; Metric: 65 to 90 g/m ² ; A4: 65 to 90 g/m ² ; legal: 70 to 90 g/m ² ; envelopes: 70 to 90 g/m ² ; cards: up to 200 g/m ² ; photo paper: 280 g/m ²
Memory	Integrated memory
Vertical Alignment Accuracy/Skew	+/- 0.002 in (+/- 0.05 mm); Skew: +/- 0.006 in; Transparency Skew: +/- 0.012 in

¹Dependent upon document type and print mode.

Compatible Operating Systems

Windows 98 SE, 2000 (SP3 or higher), Me, XP Home, XP Professional, XP Professional x64; Mac OS X v 10.3, 10.4

Minimum System Requirements

For PCs: Intel® Pentium® II, Celeron®, or compatible processor, 233 MHz or higher; 64 MB RAM (Windows 98 SE, 2000, Me, XP Home, XP Professional, XP Professional x64); 256 MB RAM or higher recommended for full software installation, 200 MB available hard disk space for basic software installation, 450 MB for full installation; SVGA 800 x 600 monitor with 16-bit color; Windows 98 SE, 2000 (SP3 or higher), Me, XP Home, XP Professional, XP Professional x64 for basic software installation, Windows 2000 or XP for full installation; available USB port and USB cable for direct connection; Internet Explorer 5.01 (SP2 or higher); CD-ROM drive; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended; **For Mac:** Mac OS X v 10.3, 10.4; G3 processor (G4 or higher recommended); 128 MB RAM (256 MB or higher recommended); 150 MB available hard disk space for software installation; available USB port and USB cable for direct connection; SVGA 800 x 600 monitor with 16-bit color; QuickTime 5.0 or later; any Web browser; CD-ROM drive; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended

Dimensions (w x d x h)/weight

Standard (paper tray folded up): 18.07 x 8.7 x 6.7 in (459 x 220 x 169 mm)/7.6 lb (3.5 kg); **Maximum:** 18.07 x 18.9 x 5.67 in (459 x 480 x 144 mm)

Operating Environment

Recommended Operating Temperature: 59 to 86° F (15 to 30° C); **Storage Range:** -40 to 140° F (-40 to 60° C); **Maximum Operating Temperature:** 50 to 95° F (10 to 35° C); **Operating Humidity:** 15 to 80% RH; **Humidity Recommended Operating Range:** 20 to 80% RH; **Storage Humidity:** 5 to 90% RH

Acoustics

Sound Power: 5.3 B(A) (Best), 6 B(A) (Normal), 6.2 B(A) (Fast normal), 6.9 B(A) (Fast draft); **Sound Pressure:** 39 dB(A) (Best), 47 dB(A) (Normal), 49 dB(A) (Fast normal), 56 dB(A) (Fast draft)

Power

Type: External; **Power Supply Required:** Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power consumption:** 44 watts maximum

Warranty

One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support, plus a toll-free number

This printer and its replacement cartridges are designated for sale only in North America.

Ordering information

What's in the box?

- HP Deskjet D4160 Printer
- HP 98 Black Inkjet Print Cartridge (11 ml)
- HP 93 Tri-color Inkjet Print Cartridge (5 ml)
- HP Photosmart Essential and Premiere software
- HP Photosmart Express
- Setup Guide
- Reference Guide
- Power supply
- Power cord

HP Product

HP Deskjet D4160 Printer

Part Number

C9068A

Replacement Ink Cartridges

HP 93 Tri-color Inkjet Print Cartridge, 5 ml
HP 98 Black Inkjet Print Cartridge, 11 ml
HP 99 Photo Inkjet Print Cartridge, 13 ml

C9361W

C9364W

C9369W

This printer and its replacement cartridges are designated for sale only in North America.

HP Business Communication Paper & Film

HP Photo Papers

HP Creative Papers

Accessories

HP USB Cable

C6518A



Product Number: C9068A

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