



HP's affordable performance printer for office and home. Work the way you want to with Wi-Fi wireless and wired Ethernet printing and print sharing. Work more productively with breakthrough speeds up to 36 ppm black, up to 27 ppm color in Fast Draft mode. Print professional-quality color using HP Viverna Inks up to 4800 optimized dpi<sup>2</sup> or optional 6-ink color.<sup>1</sup>

Convenient, direct photo printing without a PC from PictBridge-enabled cameras using printer's front USB port. Create standard and custom-size photos up to 8.5 x 24 inches with or without borders.<sup>3</sup> Save time and use up to 50% less paper with optional auto two-sided printing<sup>4</sup> (auto-two-sided printing accessory included with HP Deskjet 6980dt printer). Automatic paper type sensor and optional 250-sheet plain paper tray<sup>4</sup> (HP 250-sheet Paper Tray included with HP Deskjet 6980dt printer) are other convenient paper handling features. Enhance and fix photos automatically with included HP Photosmart Premier software.

<sup>1</sup> Up to 4800x1200-optimized dpi color when printing from a computer and 1200-input dpi.

<sup>2</sup> 6-ink printing available with purchase of HP 99 Photo Inkjet Print Cartridge not included, please purchase separately.

<sup>3</sup> With purchase of HP Auto Two-Sided Printing Accessory ph5712 and HP 250-sheet Plain Paper Tray pt3447, not included with Deskjet 6980; please purchase each separately (auto two-sided printing accessory and 250-sheet paper tray included with Deskjet 6980dt).

<sup>4</sup> Using brochure and photo papers for borderless printing.

Wired and wireless network printer with breakthrough speed, professional print quality and more

## Built-in wireless and wired Ethernet networking

Wireless and wired network-ready—easily share your printer with or without wires

- Easily share the printer with multiple PCs on a small network with built-in Wi-Fi wireless 802.11g/b
- SecureEasySetup™ lets you connect to a wireless network in as little as 10 minutes
- Easy wired network setup—no need for additional hardware or software with built-in Ethernet
- Easily print from your camera phone and PDA with optional Bluetooth wireless print adapter<sup>1</sup>

## Breakthrough speed and print performance features

Get it all done in less time with breakthrough speed and performance features

- Greater productivity, less waiting with breakthrough speeds up to 36 ppm black, up to 27 ppm color
- HP's high-capacity ink cartridges can save ink and money—ideal for higher-volume jobs
- Work at peak efficiency—optional HP auto two-sided print accessory<sup>2</sup> and extra 250-sheet paper tray<sup>2</sup> (Deskjet 6980dt includes auto two-sided print accessory and 250-sheet paper tray)
- Media sensor detects paper type and automatically sets print quality to ensure optimal results
- Recommended for fast, high-volume printing

## Professional print quality, direct photo printing

Professional quality printing that lasts and direct photo printing without a PC

- Print laser-quality black and true-to-life photos with HP Vivera Inks and optional 6-ink color<sup>3</sup>
- Photos resist fading for years<sup>4</sup> and laser-quality text documents retain clarity for decades<sup>5</sup>
- Create artistic and vintage photos in black and white with optional HP Photo Gray Inkjet Print Cartridge<sup>6</sup>
- Edit your photos with HP Photosmart Premier software, easily share them with HP Photosmart Share<sup>7</sup>
- Print professional-quality photos directly from PictBridge-enabled cameras via front USB port
- HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet.

For more information, visit

<http://www.hp.com/learn/suresupply>. Only available with original HP supplies; Internet access required.

*Rely on HP. PC Magazine rated HP service and reliability A/A+ for 14 consecutive years.*

<sup>1</sup> Wireless printing requires HP Bluetooth® BT400 or HP Bluetooth® BT450 wireless print adapter and Windows XP with Service Pack 2. Not included, please purchase separately.

<sup>2</sup> With purchase of HP Auto Two-Sided Printing Accessory ph5712 and HP 250-sheet Plain Paper Tray pt3447, not included with Deskjet 6980; please purchase each separately (auto two-sided printing accessory and 250-sheet paper tray included with DJ 6980dt).

<sup>3</sup> 6-ink printing available with purchase of HP 99 Photo Inkjet Print Cartridge not included, please purchase separately.

<sup>4</sup> Based on Wilhelm-Research.com light-fade testing under glass using the HP 97 Tri-color and the optional HP 99 Photo Inkjet Print Cartridges on HP Premium Plus Photo Papers. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumpplusphoto>

<sup>5</sup> Based 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

<sup>6</sup> With purchase of HP 100 Gray Photo Inkjet Print Cartridge

<sup>7</sup> Internet connection required. Internet service purchased separately.

# HP Deskjet 6980/6980dt Printer

## Datasheet

### Technical specifications

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Print Technology</b>                    | HP Thermal Inkjet                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Print Resolution</b>                    | <b>Black (Best):</b> Up to 1200 x 1200 rendered dpi <b>Color (Best):</b> Up to 4800 optimized dpi color and 1200 input dpi                                                                                                                                                                                                                                                                                                                                                         |
| <b>Print Speed<sup>1</sup></b>             | <b>Black (Draft):</b> Up to 36 ppm; <b>Color (Draft):</b> Up to 27 ppm                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Recommended Monthly Volume (letter)</b> | Up to 5000                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Connectivity</b>                        | <b>Standard:</b> Built-in Wi-Fi 802.11b or g, Ethernet, Universal Serial Bus, PictBridge; <b>Optional:</b> HP printer and PC adapter with Bluetooth wireless technology<br><b>Network Ready:</b> Standard; <b>Network Capabilities:</b> Built-in Wireless                                                                                                                                                                                                                          |
| <b>External IO Ports</b>                   | 1 USB, 1 Ethernet, 1 PictBridge                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Direct Print Supported</b>              | Yes (PictBridge cameras)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Automatic Paper Sensor Supported</b>    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Borderless Printing Supported</b>       | Yes (up to 8.5 x 24 in)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>HP Real Life Technologies</b>           | HP Adaptive Lighting, HP Auto Red-eye Removal                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Media Handling</b>                      | <b>Input tray:</b> 150-sheet input tray (up to 400 with optional 250-sheet paper tray, included with Deskjet 6980dt); <b>Output tray:</b> 50 sheet<br><b>Input capacity:</b> Up to 150 letter/legal (up to 400 with optional 250-sheet paper tray, included with Deskjet 6980dt); Up to 20 cards; Up to 20 envelopes; Up to 30 transparencies<br><b>Output capacity:</b> Up to 50 letter/legal paper; Up to 30 cards; Up to 10 envelopes; Up to 30 labels; Up to 30 transparencies |
| <b>Media Types</b>                         | Paper (plain, inkjet, photo), cards, envelopes, labels, transparencies, iron-on transfers, borderless media, HP's premium media                                                                                                                                                                                                                                                                                                                                                    |
| <b>Media Sizes Standard</b>                | <b>US:</b> Letter, legal, executive, No 10 envelopes, cards, borderless photo (4 x 6 in, 5 x 7 in, 8 x 10 in, 8.5 x 11.5 in), borderless panorama (4 x 10 in, 4 x 11 in, 4 x 12 in); <b>Metric:</b> A2, A4, A5, B5 (JIS), 2L, envelopes (DL, C6, No 3, No 4), cards (A6, A5), borderless photo (A4, A5, A6, 2E, L, 2L, KG, cabinet, panorama)                                                                                                                                      |
| <b>Custom Media Sizes</b>                  | <b>US:</b> 3 x 5 to 8.5 x 24 in; <b>Metric:</b> 77 x 127 to 215 x 610 mm                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Media Weight Recommended</b>            | <b>US:</b> 16 to 24 lb; <b>Metric:</b> 60 to 90 g/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Media Weight</b>                        | <b>US:</b> 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; <b>Metric:</b> US letter: 60 to 90 g/m <sup>2</sup> ; A4: 60 to 90 g/m <sup>2</sup> ; legal: 75 to 90 g/m <sup>2</sup> ; envelopes: 75 to 90 g/m <sup>2</sup> ; cards: up to 200 g/m <sup>2</sup> ; photo paper: 240 g/m <sup>2</sup>                                                                      |
| <b>Memory</b>                              | <b>Standard:</b> 32 MB <b>Maximum:</b> 32 MB                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Vertical Alignment Accuracy/Skew</b>    | +/- 0.002 in <b>Skew:</b> +/- 0.006 in; <b>Transparency Skew:</b> +/- 0.01 in                                                                                                                                                                                                                                                                                                                                                                                                      |

<sup>1</sup>Dependent upon document type and print mode.

### Compatible Operating System

Windows® 98 SE, 2000 Professional, Me, XP Home, XP Professional; Mac® OS X v 10.2.3, 10.3, 10.4

### Minimum System Requirements

**For all systems:** CD-ROM drive, SVGA monitor (1024 x 768 with 32-bit color), USB port and USB cable for direct computer connection or working Ethernet or wireless 802.11g/b network, Internet access; **for PC systems:** any Intel Pentium II, Celeron or compatible processor (Pentium 4 or higher recommended), 64 MB RAM for basic software installation (256 MB RAM for full software installation), 200 MB available hard disk space for basic software installation (450 MB for full software installation), Microsoft Windows 98 SE, 2000 Professional, Me, XP Home, XP Professional for basic software installation (Windows 2000 Professional, XP Home, XP Professional for full software installation), Internet Explorer 5.01 SP2 or higher; **for Mac systems:** Mac OS X v 10.2.3, 10.3; G3 processor or greater; 256 MB RAM; 150 MB available hard disk space for software installation

### Network System Requirements

With built-in Ethernet (802.3) or wireless (802.11g) adapter: TCP/IP: IP Direct Mode, Port 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 (WPA1 and WPA2). The WPA solution is comprised of two components: Temporal Key Integrity Protocol (TKIP) encryption, and 802.1x technology. Auto IP. Apple Bonjour.

### Operating Environment

**Recommended Operating Temperature:** 59 to 86° F (15 to 30° C); **Maximum Operating Temperature:** 41 to 104° F (5 to 40° C); **Storage Range:** -40 to 140° F (-40 to 60° C); **Operating Humidity:** 20 to 80% RH; **Humidity Recommended Operating Range:** 20 to 80% RH; **Storage Humidity:** 5 to 90% RH

### Dimensions (w x d x h)/weight

**US:** Deskjet 6980: 17.7 x 14.5 x 5.7 in/14.04 lb; Deskjet 6980dt: 17.7 x 17.2 x 8 in/19.5 lb  
**Metric:** Deskjet 6980: 450.2 x 367 x 144 mm/6.37 kg; Deskjet 6980dt: 450.2 x 438 x 205 mm/8.9 kg

### Acoustics

**Sound Power:** 5.2 B(A) (Best), 5.9 B(A) (Normal), 6.3 B(A) (Fast normal), 6.5 B(A) (Fast draft);  
**Sound Pressure:** 41 dB(A) (Best), 47 dB(A) (Normal), 51 dB(A) (Fast normal), 53 dB(A) (Fast draft)

### Power

**Type:** External; **Power Supply Required:** Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power consumption:** 50 watts maximum (Power requirements are based on the country/region where the product is sold. Do not convert operating voltages or use with other voltages. Doing so might cause damage that would not be covered under HP's product warranty.)

### 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.

### Product Number: C8969A/C8972A

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# HP Deskjet 6980/6980dt Printer

## Datasheet

### Ordering Information

### Part Number

### Ordering information

#### HP Deskjet 6980/6980dt Printer

C8969A/C8972A

#### Replacement Ink Cartridges

|                                                 |        |
|-------------------------------------------------|--------|
| HP 95 Tri-color Inkjet Print Cartridge, 7 ml    | C8766W |
| HP 96 Black Inkjet Print Cartridge, 21 ml       | C8767W |
| HP 97 Tri-color Inkjet Print Cartridge, 14 ml   | C9363W |
| HP 99 Photo Inkjet Print Cartridge, 13 ml       | C9369W |
| HP 100 Gray Photo Inkjet Print Cartridge, 15 ml | C9368A |

#### HP Business Communication Paper & Film

|                                                       |        |
|-------------------------------------------------------|--------|
| HP Bright White Inkjet Paper, letter size, 250 sheets | C5976B |
| HP Inkjet Everyday Paper, 200 sheets                  | 51634Y |
| HP Brochure and Flyer Paper, Glossy, 50 sheets        | C6817A |
| HP Brochure and Flyer Paper, Matte, 50 sheets         | C6955A |
| HP Premium Inkjet Transparency Film, 20 sheets        | C3828A |
| HP Tri-fold Brochure Paper, Glossy, 100 sheets        | C7020A |

#### HP Photo Papers

|                                                                      |        |
|----------------------------------------------------------------------|--------|
| HP Advanced Photo Paper, glossy, 4 x 6 in, 100 sheets                | Q7852A |
| HP Advanced Photo Paper, glossy, letter size, 50 sheets              | Q7853A |
| HP Advanced Photo Paper, glossy, 4 x 6 in, 100 sheets                | Q6638A |
| HP Photo Matte Paper, 4 x 6 in, 50 sheets                            | Q5492A |
| HP Photo Paper letter size, 20 sheets                                | C1846A |
| HP Photo Paper, letter size, 60 sheets                               | C6982A |
| HP Photo Paper, 4 x 6 in., 20 sheets                                 | C7890A |
| HP Everyday Photo Paper Semi-gloss, letter size, 25 sheets           | C6983A |
| HP Everyday Photo Paper, Matte, letter size, 100 sheets              | C7007A |
| HP Premium Photo Paper, letter size, 15 sheets                       | C6039A |
| HP Premium Plus Photo Paper, Glossy, 4 x 6 in, 20 sheets             | Q1988A |
| HP Premium Plus Photo Paper, Glossy, letter size, 20 sheets          | C6831A |
| HP Premium Plus Photo Paper, Glossy, letter size, 50 sheets          | Q1785A |
| HP Premium Plus Photo Paper, Glossy, Borderless, 4 x 6 in, 20 sheets | Q1977A |
| HP Premium Plus Photo Paper, Glossy, 4 x 6 in, 60 sheets             | Q1978A |
| HP Premium Plus Photo Paper, Glossy, letter size, 20 sheets          | C6950A |
| HP Premium Plus Photo Paper, Glossy, Borderless, 4 x 6 in, 60 sheets | Q2502A |
| HP Premium Plus Photo Paper, Matte, letter size, 20 sheets           | C6950A |
| HP Premium Plus Photo Paper, 4 x 6 in, 60 sheets                     | Q2506A |

#### HP Creative Papers

|                                                             |        |
|-------------------------------------------------------------|--------|
| HP Matte Greeting Card, White, Half-Fold                    | C7018A |
| HP Textured Greeting Card Paper, White, Half-fold           | C7019A |
| HP Textured Greeting Card Paper, Ivory, Half-fold, 20 cards | C6828A |
| HP Linen Greeting Card Paper, White, Half-fold, 20 cards    | C1788A |
| HP Photo Greeting Card, White, half-fold, 10 cards          | C6044A |
| HP Iron-on T-shirt Transfers, 8.5 x 11 in, 12 sheets        | C6049A |

#### Accessories

|                                                    |        |
|----------------------------------------------------|--------|
| HP USB cable                                       | C6518A |
| HP Auto Two-sided Printing Accessory ph5712        | Q5712A |
| HP Inkjet 250-sheet Paper Tray pt3447              | Q3447A |
| HP bt400 Bluetooth Wireless Printer Adapter        | Q6399A |
| HP bt450 Bluetooth Wireless Printer and PC Adapter | Q6398A |

#### What's in the box?

HP Deskjet 6980 (C8969A)

- HP Deskjet 6980 Printer
- HP 96 Black Inkjet Print Cartridge (21 ml)
- HP 97 Tri-color Inkjet Print Cartridge (14 ml)
- HP Photosmart Premier software
- Printer drivers
- User's Guide on CD-ROM
- Setup Guide
- Reference Guide
- Network Guide
- Ethernet cable
- Power supply
- Power cord

#### What's in the box?

HP Deskjet 6980dt (C8972A)

- HP Deskjet 6980 Printer
- HP 96 Black Inkjet Print Cartridge (21 ml)
- HP 97 Tri-color Inkjet Print Cartridge (14 ml)
- HP Auto Two-sided Printing Accessory ph5712
- HP250-sheet Paper Tray pt3447
- HP Photosmart Premier software
- Printer drivers
- User's Guide on CD-ROM
- Setup Guide
- Reference Guide
- Network Guide
- Ethernet cable
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- Power cord



#### Product Number: C8969A/C8972A

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