



Easily print photos from your digital camera and print on CD/DVDs<sup>1</sup>

- Print photos with or without a PC using memory cards,<sup>2</sup> digital camera and camera phones<sup>3</sup>
- Share, print and save photos using HP Photosmart Express one touch button
- Fast print speeds—photos as fast as 26 seconds, documents up to 31 ppm black, 24 ppm color



## Easy photo and direct CD/DVD<sup>1</sup> printing at home

- Print photos with or without a PC using memory cards,<sup>2</sup> camera and camera phones.<sup>4</sup>
- Effortlessly share, print and save your photos using HP Photosmart Express one-touch button
- Personalize CD/DVDs with colorful art and text by printing directly on inkjet-printable CD/DVDs<sup>1</sup>
- Standard- and custom-size photos with or without borders<sup>5</sup> up to 8.5 x 24-inch, plus panorama sizes

## Fast, reliable photo and document printing

- Fast print speeds—photos in as fast as 26 seconds, documents up to 31 ppm black and 24 ppm color
- Automated photo tray for convenient printing of both 4 x 6 or 5 x 7 sizes of photo paper
- HP auto paper-type sensor optimizes print quality for various plain papers and photo papers
- Send photos to and from your printer and PC at faster speeds with Hi-Speed USB 2.0 connection
- HP inkjet cartridges—designed for efficient ink usage so you can save ink and money

## Long-lasting, true-to-life photos and documents

- Print true-to-life photos in optional 6-ink color<sup>6</sup> and laser-quality black text with HP Vivera Inks
- Photos resist fading for generations<sup>7</sup> and text documents retain clarity for decades<sup>8</sup> when stored
- Automatically remove red eye, enhance detail in dark areas of photos with HP Real Life technologies
- Print artistic and vintage black-and-white photos with optional HP 100 Gray Photo Inkjet Cartridge<sup>9</sup>

<sup>1</sup>Requires printable CD/DVD media, not included, sold separately.

<sup>2</sup>Memory card slots support Secure Digital/MultiMediaCard, CompactFlash, Memory Stick, Memory Stick Duo, xD-Picture Card.; <sup>3</sup>Wireless printing requires HP bt400/bt450 Bluetooth Wireless Printer Adapters, not included, purchased separately.

<sup>4</sup>HP Photosmart Share service doesn't require fees. Internet connection required. Internet service purchased separately.

<sup>5</sup>Using brochure and photo papers for borderless printing.

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

<sup>7</sup>Based on Wilhelm-Research.com light-fade testing under glass (as of January 2005) using the HP 97 Tri-color and the optional HP 99 Inkjet Print Cartridges on HP's premium plus photo paper. For more information on additional permanence testing factors, visit <http://www.hp.com/go/premiumplusphoto>.

<sup>8</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>9</sup>HP 100 Gray Inkjet Print Cartridge optional, not included, please purchase separately.

# HP Photosmart D5160 Printer

Datasheet

## Technical specifications

<b>Print Technology</b>	HP Thermal Inkjet
<b>HP Real Life Technologies Features</b>	HP Adaptive Lighting, HP Auto Red-eye Removal
<b>Print Resolution</b>	<b>Black (best):</b> Up to 1200 rendered dpi black (when printing from a computer); <b>Color (best):</b> Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
<b>Print Speed<sup>1</sup></b>	<b>Black:</b> Up to 31 ppm; <b>Color:</b> Up to 24 ppm; <b>4 x 6 photo:</b> As fast as 26 sec
<b>Print Capabilities</b>	<b>Direct Print Supported:</b> Yes (memory cards, PictBridge cameras); <b>Camera Phone, supported:</b> Yes (Direct photo printing from camera phones with the optional HP bt450 Bluetooth Wireless Printer and PC Adapter); <b>Automatic Paper Sensor Supported:</b> Yes; <b>Duplex Print Options:</b> Manual (driver support provided); <b>Borderless Printing Supported:</b> Yes (up to 8.5 x 24 in); <b>Print Length Maximum:</b> 24 in
<b>Recommended Monthly Volume (letter)</b>	Up to 3000 pages
<b>Connectivity</b>	1 USB, 1 PictBridge, 4 memory card slots; <b>Network Ready:</b> None; <b>Wireless Capability:</b> Optional, with HP bt450 Bluetooth Wireless Printer and PC Adapter; <b>Wireless Technologies:</b> Bluetooth
<b>Memory Card Compatibility</b>	CompactFlash, Memory Stick, Memory Stick Duo, Secure Digital/MultiMediaCard, xD-Picture Card
<b>Paper Handling</b>	<b>Input:</b> 125-sheet input tray, automated 20-sheet photo tray (supports 4 x 6-in and 5 x 7-in), <b>input capacity:</b> Up to US 125 sheets letter/legal, Up to 95 sheets transparencies; Up to 60 cards; Up to 45 sheets photo paper; Up to 20 4 x 6 photo; Up to 15 envelopes; <b>Output:</b> 65-sheet output tray; Up to 65 US letter/legal; Up to 50 transparencies; Up to 30 cards; Up to 25 sheets photo paper; Up to 30 labels; Up to 10 envelopes
<b>Media Types</b>	Paper (inkjet, photo, plain), envelopes, labels, cards (greeting, index), transparencies, iron-on transfers, CD/DVD
<b>Media Sizes</b>	<b>(US):</b> Letter, legal, executive, No. 10 envelopes, index cards, 5 x 7-in photo, 4 x 6-in photo, 4 x 12-in panorama, 4 x 24-in panorama, CD/DVD; <b>Metric:</b> A4, A5, A6, C6, DL, 2E, Hagaki, L, 2L, panorama, double panorama, CD/DVD
<b>Custom Media Sizes</b>	3 x 5 to 8.5 x 24 in
<b>Media Weight</b>	<b>US:</b> 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; <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: up to 280 g/m <sup>2</sup> ; <b>Recommended:</b> 16 to 24 lb (60 to 90 g/m <sup>2</sup> )
<b>Control Panel</b>	8 front-panel buttons [Power, Cancel, HP Photosmart Express, Photo tray, Photo index, Layout, Print, OK (plus two select arrows)]
<b>Memory</b>	32 MB Standard/Maximum
<b>Display Description</b>	LCD (1-line numbers and icons)
<b>Vertical Alignment Accuracy/ Skew</b>	+/- 0.0002 in; +/- 0.006 in

<sup>1</sup>Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

<sup>2</sup>Power requirements are based on the country or 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.

## Compatible Operating System

Windows 98 SE, Me, 2000 (SP3 or higher), XP Home and XP Professional; Mac OS X v 10.3.9, v 10.4

## Minimum System Requirements

**PC:** Any Intel Pentium II, Celeron-compatible processor or higher; 128 MB RAM (256 MB or higher recommended); 425 MB available hard disk space; SVGA 800 x 600 monitor with 16-bit color; Windows 98 SE, Me, 2000 (SP3 or higher), XP Home and XP Professional; Internet Explorer 5.01 (SP2 or higher); CD-ROM drive; available USB port and USB cable for direct connection; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended; **Mac:** Mac OS X v 10.3.9, v 10.4; G3 processor (G4 or higher recommended); 128 MB RAM (256 MB or higher recommended), 400 MB available hard disk space; available USB port and USB cable for direct connection; HP Memories Disc Creator software; requires CD writer and 700 MB of additional hard disk space; QuickTime 5.0 or later; any Web browser; CD-ROM drive; SVGA 800 x 600 monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended

## Operating Environment

**Recommended Operating Temperature:** 59 to 86° F (15 to 30° C); **Maximum Operating Temperature:** 50 to 95° F (10 to 35° C); **Temperature Storage Range:** -22 to 149° F (-30 to 65° C); **Operating Humidity:** 15 to 80% RH; **Storage Humidity:** 5 to 95% RH

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

18 x 15 x 6.73 in (458 x 382 x 171 mm); **weight:** 10.9 lb (4.95 kg)

## Acoustics

**Acoustic Power Emissions (active, printing):** 4.7 B(A); **Acoustic Pressure Emissions (active):** 47 dB(A)

## Power<sup>2</sup>

**Type:** External; **Power Supply Required:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power Consumption (ready):** 2.7 watts; **Power Consumption (off):** 0.6 watts

## Warranty

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

## Ordering information

### Whats In the Box?

- HP Photosmart D5160 Printer
- HP 98 Black Inkjet Print Cartridge (11 ml)
- HP 95 Tri-color Inkjet Print Cartridge (7 ml)
- HP Photosmart Premier software on CD-ROM
- Quick Start Guide
- User's Guide
- Power supply
- Power cord

### HP Product

HP Photosmart D5160 Printer

### Part Number

Q7091A

### Replacement Ink Cartridges

- HP 95 Tri-color Inkjet Print Cartridge 7 ml C8766W
- HP 98 Black Inkjet Print Cartridge 11 ml C9364W
- 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 Photo Papers

### HP Creative Papers

### Accessories

- USB cable C6518A
- HP bt450 Bluetooth Wireless Printer and PC Adapter Q6398A



Product Number: Q7091A

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