

# HP Photosmart 3310 All-in-One Printer, Fax, Scanner, Copier

Datasheet



World's fastest photo printing All-in-One<sup>1</sup> with leading print, fax, scan and copy innovations. Built-in wireless network and slide/negative scanner and economical 6 individual inks. Print/copy true-to-life photos that resist fading for generations<sup>2</sup> with HP Vivera Inks, up to 4800-optimized dpi color,<sup>3</sup> and high-quality scans. Print without a PC using large 3.6" image display, memory cards<sup>4</sup>, camera phone<sup>5</sup> and more. Easily enhance photos with HP Real Life technologies and HP Image Zone software.

<sup>1</sup> Speed comparisons in default and fastest modes, when printing from a computer, based upon HP internal testing of comparable consumer photo printing products available as of April 2005

<sup>2</sup> Based on HP Image Permanence Lab light-fade testing under glass on HP Premium Plus Photo Papers; confirmation test in progress by Wilhelm-Research.com. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumplusphoto>

<sup>3</sup> Up to 4800x1200-optimized dpi color when printing from a computer and 1200-input dpi.

<sup>4</sup> Memory card slots support Secure Digital/MultiMedia Card, CompactFlash™ Type I and II, Memory Stick®, XD-Picture Card™, Memory Stick® Duo (with adapter, not included purchase separately), Mini SD (with adapter, not included purchase separately).

<sup>5</sup> Wireless printing requires HP Bluetooth® Wireless Printer Adapter (bt300/400 series models); not included, purchase separately. Printer supports Memory Stick® Duo (with adapter, not included, purchase separately), Mini SD (with adapter, not included, purchase separately).

World's fastest photo printing All-in-One<sup>1</sup> fax, wireless network, 3.6" display, 6 individual inks

## World's fastest photo printing All-in-One<sup>1</sup>

World's fastest photo printing All-in-One<sup>1</sup> with a fax and 6 individual inks

- Breakthrough print and copy speeds up to 32 ppm black and 31 ppm color; photos as fast as 14 seconds
- HP's unique 6 individual inks are designed for high-volume printing<sup>2</sup>
- Print professional-quality 4x6-inch photos at home for as little as 24 cents per print.<sup>3</sup>

## Innovative wireless sharing<sup>4</sup>

Wireless networking with multiple PCs and Macs<sup>4</sup>, and e-mail photos without a PC

- Built-in wireless networking—share print, fax, scan and copy functions on a small computer network<sup>4</sup>
- Send photos to friends without using a PC via included HP Instant Share printer-to-printer sharing<sup>5</sup>
- Easily print and share your photos memories from your camera phone wirelessly or via memory card<sup>6</sup>

## Photos and copies without a PC

Print and copy without a PC view and print photos on large 3.6-inch display

- Large 3.6-inch QVGA color image display and control panel adjust for optimal viewing from any angle
- Direct photo printing using image display, memory cards<sup>7</sup>, HP proof sheet or PictBridge USB port

## Convenient photo center

Auto red-eye removal and other innovations to enhance your photo printing

- Automatically remove red-eye, enhance detail in dark areas of photos with HP Real Life technologies
- Organize, edit, enhance and print photos and create photo projects with HP Image Zone software
- Standard-size and panorama photos—with or without borders—print up to 8.5x24<sup>8</sup>
- New automated 4x6-inch tray for dedicated photo printing, plus optional auto 2-sided printing<sup>9</sup>

## Advanced scanning and copying

Built-in slide/negative adapter, auto red-eye removal, panorama prints and more

- Save old photos scan slides/negatives with built-in adapter, and remove dust and scratches in images
- Make vivid, true-to-the-original color copies, plus new copy preview/crop without PC feature
- Superior scanning on oversized 8.5x12-inch with 4800x4800 dpi optical resolution, 48-bit color
- Standard-size and panorama photos—with or without borders—print up to 8.5x24<sup>8</sup>

## True-to-life photo-quality

True-to-life, long-lasting photos and laser-quality text documents

- Print rich and realistic photos with virtually no grain using 6-ink color with HP Vivera Inks
- Photos resist fading for generations<sup>10</sup> and stored laser-quality documents retain clarity for decades<sup>11</sup>

*Rely on HP. PC Magazine rated HP service and reliability A/A+ for 13 consecutive years.*

## Low on ink?

- HP SureSupply notifies you when it is time to replace your print cartridge and helps you purchase locally or via the internet.<sup>12</sup>

<sup>1</sup> Speed comparisons in default and fastest modes, when printing from a computer, based upon HP internal testing of comparable consumer photo printing products available as of April 2005

<sup>2</sup> Projected usage based on actual usage of similar products

<sup>3</sup> Special offer with purchase of optional HP Photo Value Pack, Custom 02 Series, 4 x 6, 150 sheets based on estimated street price. Results may vary.

<sup>4</sup> With compatible 802.11g and b devices. Wireless performance is dependent upon distance and terrain between wireless network clients and All-in-One.

<sup>5</sup> Internet connection required. Internet service purchased separately. Printer-to-printer sharing service compatible with HP Officejet 7400 and 7300 All-in-One series, HP Photosmart 3300, 3200, 2700, 2600 and 2570 All-in-One series; All-in-One must be on a network with broadband Internet connection.

<sup>6</sup> Wireless printing requires HP Bluetooth® Wireless Printer Adapter (bt300/400 series models); not included, purchase separately. Printer supports Memory Stick® Duo (with adapter, not included, purchase separately), Mini SD (with adapter, not included, purchase separately).

<sup>7</sup> Memory card slots support Secure Digital/MultiMedia Card, CompactFlash™ Type I and II, Memory Stick®, XD-Picture Card™, Memory Stick® Duo (with adapter, not included purchase separately), Mini SD (with adapter, not included purchase separately).

<sup>8</sup> Borderless printing up to 8.5x24 using brochure, photo and plain paper  
<sup>9</sup> With purchase of HP Auto Two-Sided Print Accessory. (not included, sold separately)

<sup>10</sup> Based on HP Image Permanence Lab light-fade testing under glass on HP Premium Plus Photo Papers; confirmation test in progress by Wilhelm-Research.com. For more information on additional permanence testing factors, visit <http://hp.com/go/premiumplusphoto>

<sup>11</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>12</sup> Only available with genuine HP supplies; internet access required.

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## Technical specifications

<b>Print Technology</b>	HP Thermal Inkjet
<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 (draft; letter):</b> Up to 32 ppm; <b>Color (draft; letter):</b> Up to 31 ppm
<b>Print Languages Standard</b>	HP PCL Level 3 Enhanced
<b>Printing Capabilities</b>	<b>Direct Printing:</b> Yes (memory cards, PictBridge cameras); <b>Borderless Printing Supported:</b> Yes (up to 8.5 x 24 in); <b>Video Action Printing Supported<sup>2</sup>:</b> Yes
<b>HP Real Life Technologies Features</b>	HP Auto Red-eye Removal, HP Adaptive Lighting
<b>Fax Resolution</b>	<b>Black (best):</b> 300 x 300 dpi; <b>Color:</b> 200 x 200 dpi; <b>Photo:</b> 300 x 300 dpi
<b>Fax Speed (letter)</b>	3 sec per page
<b>Fax Features</b>	<b>Fax Memory:</b> 90; <b>Maximum Speed Dialing Numbers:</b> 75
<b>Fax Features Supported</b>	Color Faxing; Fax Forwarding; Junk Barrier
<b>Recommended Monthly Volume (letter)</b>	Up to 3000
<b>Copy Features</b>	<b>Number of Copies Maximum:</b> Up to 50; <b>Copy Scaling:</b> 25 to 400%
<b>Copier Settings</b>	Stand-alone copying; enlarge/reduce, crop, copy preview, # of copies, many on a page, actual size, fit to page, fill entire page, custom, photo sizes, tray select
<b>Copy Resolution</b>	<b>Black Text:</b> Up to 600 x 1200 dpi; <b>Black Graphics:</b> Up to 600 x 1200 dpi; <b>Color Graphics:</b> Up to 4800 x 1200-optimized dpi
<b>Copy Speed</b>	<b>Black:</b> Up to 32 cpm; <b>Color:</b> Up to 31 cpm
<b>Scan Type/Input Modes</b>	<b>Type:</b> Flatbed; <b>Technology:</b> CCD; <b>Input Modes:</b> Front-panel scan, HP Director, TWAIN; <b>Bit depth:</b> 48-bit; <b>Grayscale Levels:</b> 256; <b>Twain version:</b> 1.7
<b>Scan Resolution<sup>3</sup></b>	<b>Optical:</b> 4800 dpi; <b>Hardware:</b> 4800 x 4800 dpi optical; <b>Enhanced:</b> 4800 x 4800 dpi optical resolution, 48-bit color and up to 19200 dpi enhanced
<b>Output File Format</b>	JPEG
<b>Scan Size Maximum</b>	<b>US:</b> 8.5 x 12 in, <b>Metric:</b> 21.3 x 30.5 cm
<b>Connectivity</b>	<b>Standard:</b> 1 USB Full Speed, 1 Ethernet, 1 PictBridge; <b>Optional:</b> HP bt300 Bluetooth Wireless Printer Adapter or HP bt450 Bluetooth Wireless Printer and PC Adapter
<b>Paper Handling</b>	<b>Input:</b> 100-sheet input tray (tray 1), 20-sheet photo tray (tray 2); <b>Input capacity (tray 1):</b> Up to 100 US letter/legal, Up to 30 transparencies, Up to 30 labels, Up to 60 cards, Up to 10 envelopes; <b>Output capacity:</b> Up to 50 US letter/legal; Up to 25 transparencies, Up to 20 labels, Up 25 to cards, Up to 30 envelopes
<b>Memory Card Compatibility</b>	CompactFlash Type I and II, Memory Stick, Memory Stick Duo (with adapter; not included, purchase separately), Secure Digital/MultiMediaCard, xD-Picture Card
<b>Media Types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
<b>Media Sizes Standard (US)</b>	Letter, legal, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes, Panorama
<b>Custom Media Sizes</b>	Tray 1: 3 x 4 to 8.5 x 24 in; Tray 2: 3.5 x 5 to 4.1 x 6.5 in
<b>Media Weight (US)</b>	Tray 1: 16 to 24 lb bond (up to 110 lb index); Tray 2: up to 110 lb index
<b>Media Weight Recommended</b>	20 to 24 lb (75 to 90 g/m <sup>2</sup> )
<b>Memory</b>	<b>Standard/Maximum:</b> 64 MB
<b>Display Description</b>	3.6-in LCD (color graphics)

<sup>1</sup>Print speeds vary according to the complexity of the document.

<sup>2</sup>Includes video playback.

<sup>3</sup>The maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.

### Compatible Operating System

Microsoft® Windows® 98, 98 SE, Me, 2000, XP Home, XP Professional; Mac OS X v10.2.8, v10.3 and later (does not support Mac OS 9)

### Minimum System Requirements

**For all systems:** CD-ROM drive; available USB port and USB cable for direct connection; SVGA 800 x 600 monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; full-color scanning requires an additional 50 MB hard disk space; Internet access recommended; **For PC requirements:** Intel Pentium II, Celeron or compatible processor (Pentium III or higher recommended); 128 MB RAM for Windows 98, 98 SE, 2000, Me, XP Home and XP Professional (256 MB or higher recommended for all operating systems); 855 MB available hard disk space for full software installation (395 MB for basic software installation); Windows 98, 98 SE, 2000, Me, XP Home, XP Professional (Windows 3.1, 95, NT 4.0 or DOS are not supported); networking and wireless features require a working Ethernet or wireless 802.11b/g network; Microsoft Internet Explorer 5.01 or higher; **For Mac systems:** G3 processor (G4 or higher recommended); 128 MB RAM (256 MB or higher recommended); 400 MB available hard disk space for software installation; Mac OS 9.1 or higher; Mac OS X v 10.1.5, 10.2.3, 10.3 or higher (does not support Mac OS 9.0 and earlier or OS X v 10.2, 10.2.1 and 10.2.2); HP Memories Disc Creator software (requires CD-Writer and 700 MB of additional hard disk space); QuickTime 5.0 or higher; Web browser

### Operating Environment

**Recommended Operating Temperature:** 59 to 95° F (15 to 35° C); **Storage Range:** -40 to 158° F (-40 to 70° C); **Maximum Operating Temperature:** 32 to 113° F, 0 to 45° C; **Operating Humidity:** 5 to 80% RH; **Humidity Recommended Operating Range:** 20 to 80% RH; **Storage Humidity:** 5 to 80% RH

### Dimensions/weight

**US:** 18.3 x 15.6 x 8.7 in, **Metric:** 464 x 395 x 220 mm/**US:** 26.5 lb, **Metric:** 12 kg

### Acoustic Emissions (active)

**Pressure:** 54 dB(A) (color printing), 55 dB(A) (normal, black-and-white printing), 54 dB(A) (color copying), 55 dB(A) (black-and-white copying), 23 dB(A) (idle); **Power:** 6.7 B(A) (color printing), 6.9 B(A) (black-and-white printing), 6.7 B(A) (color copying), 6.97 B(A) (black-and-white copying), 3.6 B(A) (idle)

### Power

**Type:** External: universal power supply; **Power Supply Required:** Input voltage 100 to 240 VAC (+/- 10%), input frequency 50/60 Hz (+/- 3 Hz); **Consumption:** 95 watts maximum

*Note: 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.*

### Warranty

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

### Product Number: Q5863A

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Ordering Information	Part Number	Ordering information
<b>HP Photosmart 3310 All-in-One Printer, Fax, Scanner, Copier</b>	Q5863A	<b>What's in the box?</b> <ul style="list-style-type: none"> <li>HP Photosmart 3310 All-in-One Printer, Fax, Scanner, Copier</li> <li>Package contains six ink cartridges: HP 02 Black, 16 ml, HP 02 Cyan, 4.5 ml, HP 02 Magenta, 4.5 ml, HP 02 Yellow, 4.5 ml, HP 02 Light Cyan, 4.5 ml, HP 02 Light Magenta, 4.5 ml</li> <li>HP Image Zone Photo and Imaging Software on CD-ROM</li> <li>Setup booklet</li> <li>User's guide</li> <li>Power supply and power cord</li> <li>Phone cord</li> </ul>
<b>Replacement Ink Cartridges</b>		
HP 02 Black Ink Cartridge, 10 ml	C8721W	
HP 02 Cyan Ink Cartridge, 4 ml	C8771W	
HP 02 Magenta Ink Cartridge, 3.5 ml	C8772W	
HP 02 Yellow Ink Cartridge, 6 ml	C8773W	
HP 02 Light Cyan Ink Cartridge, 5.5 ml	C8774W	
HP 02 Light Magenta Ink Cartridge, 5.5 ml	C8775W	
<b>HP Business Communication Paper &amp; Film</b>		
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	
<b>HP Photo Papers</b>		
HP Custom 02 Series Photo Value Pack	Q7964AC	
HP Advanced Photo Paper, Glossy, 8.5x11, 25 sheets	Q7852A	
HP Advanced Photo Paper, Glossy, 8.5x11, 50 sheets	Q7853A	
HP Advanced Photo Paper, Glossy, 8.5x11, 100 sheets	Q7854A	
HP Advanced Photo Paper, Glossy, 4x6, w/tab, 100 sheets	Q7906A	
HP Advanced Photo Paper, Glossy, 4x6, Borderless, 100 sheets	Q6638A	
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 Photo Paper, 4 x 6 in., 20 sheets	C7893A	
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 Photo Paper, letter size, 15 sheets	C6979A	
HP Premium Photo Paper, letter size, 50 sheets	Q1988A	
HP Premium Photo Paper, 4 x 6 in, 20 sheets	Q1989A	
HP Premium Photo Paper, 4 x 6 in, 60 sheets	Q1990A	
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, 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, Borderless, 4 x 6 in, 60 sheets	Q2502A	
HP Premium Plus Photo Paper, Matte, letter size, 20 sheets	C6950A	
HP Premium Plus Photo Paper, Matte, 4 x 6 in, 60 sheets	Q2506A	
<b>HP Creative Papers</b>		
HP Greeting Card Paper, White, Quarter-fold, 20 sheets/envelopes	C1812A	
HP Matte Greeting Card, White, Half-fold, 20 sheets/envelopes	C7018A	
HP Textured Greeting Card Paper, White, Half-fold, 20 sheets/envelopes	C7019A	
HP Textured Greeting Card Paper, Ivory, Half-fold, 20 sheets/envelopes	C6828A	
HP Linen Greeting Card Paper, White, Half-fold, 20 sheets/envelopes	C1788A	
HP Photo Greeting Card, 10 sheets/envelopes	C6044A	
HP Iron-on T-shirt Transfers, 10 sheets	C6049A	
<b>Accessories</b>		
HP USB Cable	C6518A	
HP bt300 Bluetooth Wireless Printer Adapter	Q3395A	
HP bt450 Bluetooth Wireless Printer Adapter	Q6398A	
HP Two-sided Printing Accessory ph5582	Q5582A	



## Product Number: Q5863A

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