



# PHOTOSMART PREMIUM TOUCHSMART WEB ALL-IN-ONE PRINTER

Just touch the extra-large HP TouchSmart screen to print web content, amazing photos, documents and more, on this versatile wireless all-in-one—no PC needed<sup>1</sup>

**Print<sup>2</sup>:** Up to 33 ppm black; Up to 32 ppm color  
**Fax:** 33.6 kbps speed  
**Scan:** Up to 4800 x 4800 dpi; Scan Type: Flatbed  
**Copy:** Up to 50 copies; Reduce/Enlarge: 25 to 400%

**Paper Handling:** 100-sheet input tray, 20-sheet photo tray, Automatic two-sided printing  
**Standard Connectivity:** 1 USB (2.0), 1 Ethernet, 1 PictBridge, 1 Wireless 802.11n, 1 Bluetooth, 1 RJ-11 fax

**Monthly Volume (Duty Cycle):** Printer: Up to 2,500 pages; Copier: Up to 1,250 pages  
**Features:** 4.33-in touchscreen CGD (with TouchSmart Web control panel), Access to printable web content<sup>1</sup>—coupons, maps, coloring pages using HP TouchSmart screen—no PC required, Quick Forms: print fax cover pages, checklists, notebook paper from touchscreen, Borderless printing up to 8.5 x 11 in



## Get web prints with a quick touch—no PC needed<sup>1</sup>

- Quickly access web content like coupons, maps, recipes, puzzles and more, right from the HP TouchSmart screen—no PC needed<sup>1</sup>.
- Customize your HP TouchSmart screen with your favorite apps by touching the "Get More" option<sup>1</sup>.
- Print forms and templates—like fax cover pages, checklists, notebook paper and more—right from the HP TouchSmart screen using Quick Forms<sup>1</sup>.
- Save time by accessing your photos on Snapfish.com directly from the HP TouchSmart screen—without turning on your PC<sup>3</sup>.

## Multitasking made simple

- Get lab-quality photos, laser-quality text documents, time-saving web printing and creative projects—all from one machine.
- Easily edit and print photos, send faxes, scan photos for reprints, make copies and print from the web—without a PC<sup>1</sup>—using the extra-large HP TouchSmart screen.
- Print better photos the first time with features like HP Auto Sense<sup>4</sup> and HP Photo Print Gadget<sup>5</sup> that detect the right side of photo paper, give you one-click printing, fix photos and more.
- Print long-lasting, lab-quality color photos, plus rich black-and-white photos, using Original HP ink and photo paper.

## Flexibility to connect the way you want

- Enjoy the easiest wireless setup—simply touch one button<sup>6</sup>.
- Print photos directly from mobile phones and other Bluetooth<sup>®</sup>-enabled devices,<sup>7</sup> your iPhone™ or iPod touch™<sup>8</sup>.
- More people have chosen HP wireless printers over other leading brands.
- Print from virtually anywhere in your home—share the printer with other Wi-Fi-enabled PCs<sup>9</sup>.

## Rely on HP for resource-conserving printing

- Use less energy, save some money, and reduce your environmental impact. HP ENERGY STAR<sup>®</sup>-qualified inkjet printers are over 10% more energy efficient than standard models.
- Get up to 50% paper savings using automatic two-sided printing.
- Save ink and paper. Print only the web content you need with HP Smart Web Printing<sup>10</sup>.
- Affordable, individual inks—replace each cartridge separately when it's needed.

## ecoHIGHLIGHTS

HP PHOTOSMART PREMIUM TOUCHSMART WEB ALL-IN-ONE PRINTER

- Reduce energy—save over 30% with an HP All-in-One<sup>\*</sup>.
- Save paper by up to 50% using automatic two-sided printing.
- Free, convenient HP cartridge recycling in over 41 countries.

ENERGY STAR<sup>®</sup> Qualified Product

<sup>\*</sup>Compared with using a printer and scanner separately.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. Find out how at our website.



<sup>1</sup>Requires an Internet connection to the printer. <sup>2</sup>After first page. For details, see [www.hp.com/go/inkjetprinter](http://www.hp.com/go/inkjetprinter). <sup>3</sup>Requires a Snapfish.com account and an Internet connection to the printer. <sup>4</sup>When using HP Advanced Photo Paper. <sup>5</sup>Requires Windows Vista<sup>®</sup>. <sup>6</sup>Requires a WPS router with an integrated push-button. Wireless performance depends on physical environment and distance from access point. <sup>7</sup>Mobile phone must have a Bluetooth<sup>®</sup> "Send", "Print" or equivalent feature. <sup>8</sup>Using HP iPrint Photo software. Free download available from Apple's App Store, details at <http://www.hp.com/go/iPrintPhoto>. <sup>9</sup>Wireless performance depends on physical environment and distance from access point. <sup>10</sup>Requires Internet Explorer 6.0 - 8.0.





# PHOTOSMART PREMIUM TOUCHSMART WEB ALL-IN-ONE PRINTER

## TECHNICAL SPECIFICATIONS

<b>FUNCTIONS</b>	Print, copy, scan, fax, web
<b>PRINT TECHNOLOGY</b>	HP Thermal Inkjet
<b>HP REAL LIFE TECHNOLOGIES™</b>	Auto Photo Fix, Auto Red-Eye Removal, Adaptive Lighting, Image Restoration, Photo Brightening
<b>PRINTER SMART SOFTWARE FEATURES</b>	Manual/Automatic duplex printing, Booklet printing, N-up printing, Paper saving shortcuts, Watermarks, Supports a variety of paper sizes and types, Quick forms
<b>STANDARD CONNECTIVITY</b>	1 USB (2.0), 1 Ethernet, 1 PictBridge, 1 Wireless 802.11n, 1 Bluetooth, 1 RJ-11 fax
<b>NETWORK READY</b>	Standard; <b>Network Capabilities:</b> Ethernet, Wireless 802.11b/g/n
<b>WIRELESS CAPABILITY</b>	Yes, embedded
<b>WIRELESS TECHNOLOGIES</b>	802.11b/g/n, Bluetooth
<b>MEMORY CARD COMPATIBILITY</b>	CompactFlash Type 1, Memory Stick, Memory Stick Duo, Memory Stick Pro, Memory Stick Pro Duo, Memory Stick Pro HG, Secure Digital, Secure Digital High Capacity, Multimedia Card, xD Picture Card
<b>STANDARD PRINTER LANGUAGES</b>	HP PCL 3 GUI, PJI, PML, XHMTL-print
<b>PRINT RESOLUTION</b>	<b>Black (best):</b> Up to 600 x 600 dpi; <b>Color (best):</b> 9600 x 2400 dpi optimized with 2400 input dpi
<b>PRINT SPEED<sup>1</sup></b>	<b>Black:</b> Up to 33 ppm; <b>Color:</b> Up to 32 ppm
<b>PRINT CAPABILITIES</b>	<b>Borderless Printing:</b> Yes (up to 8.5 x 11 in); <b>Automatic Paper Sensor:</b> Yes; <b>Photo Proofsheets Supported:</b> Yes, thumbnails only; <b>Direct Print Supported:</b> Yes (Bluetooth, memory cards, PictBridge cameras, USB mass storage device, iPhone, iPod touch); Direct photo printing from camera phones included Bluetooth; iPhone optional printing via iPrint App; PictBridge Supported
<b>DUTY CYCLE</b>	<b>Monthly, Letter:</b> Printer: up to 2,500 pages, copier: up to 1,250 pages
<b>FAX RESOLUTION</b>	<b>Black (best):</b> 300 x 300 dpi; <b>Black (standard):</b> 200 x 200 dpi; <b>Photo:</b> 300 x 300 dpi; <b>Fine (black):</b> 200 x 200 dpi; <b>Color (fine):</b> 200 x 200 dpi
<b>FAX SPEED</b>	33.6 kbps
<b>FAX FEATURES</b>	<b>Color Faxing:</b> Yes; <b>Auto Fax Reduction:</b> Yes; <b>Distinctive Ring:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Junk Barrier:</b> No, requires caller ID; <b>PC Interface Supported:</b> Yes; <b>Telephone Handset supported:</b> No; <b>Fax Telephone mode supported:</b> No Manual Fax; <b>Fax Phone Features:</b> Redial from memory, ring/beep volume control; <b>Fax Delayed Sending:</b> No; <b>Fax Forwarding:</b> No; <b>Remote Retrieval:</b> No; <b>Fax Broadcasting:</b> No
<b>SCAN TYPE/TECHNOLOGY</b>	Flatbed, Contact Image Sensor (CIS)
<b>SCANNER ADVANCED FEATURES</b>	<b>Software:</b> Restore faded color, Apply adaptive lighting, Remove dust and scratches, Sharpening, Scan multiple photos to individual files
<b>SCAN INPUT MODES</b>	Front Panel scan, HP Photosmart software
<b>SCAN RESOLUTION<sup>2</sup></b>	<b>Hardware:</b> Up to 4800 x 4800 dpi; <b>Optical:</b> Up to 4800 dpi; <b>Enhanced Scan Resolution:</b> Up to 19,200 dpi
<b>TWAIN VERSION</b>	Version 1.9
<b>BIT DEPTH/GRAY SCALE</b>	48-bit, 256 Gray scale levels
<b>SCAN SIZE MAXIMUM</b>	8.5 x 11.7 in
<b>OUTPUT FILE FORMAT</b>	JPEG (EXIF), TIF
<b>COPIER SETTINGS</b>	Stand-alone copying, actual size, fit to page, custom %, Manual 2 on 2, Lighten/Darken, Quality, Photo Enhanced, Text Enhanced, Preview
<b>COPY RESOLUTION</b>	<b>Black Text and Graphics:</b> Up to 1200 optimized dpi from 600 input dpi; <b>Color:</b> Up to 1200 optimized dpi from 600 input dpi
<b>COPY SPEED</b>	<b>Black:</b> Up to 33 cpm; <b>Color:</b> Up to 32 cpm
<b>MAXIMUM NUMBER OF COPIES</b>	Up to 50 copies
<b>COPIER RESIZE</b>	25 to 400%
<b>MEDIA TYPES SUPPORTED</b>	Paper (plain, inkjet, photo), transparencies, envelopes, labels, cards (index, greeting)
<b>MEDIA SIZES SUPPORTED</b>	<b>Main Tray:</b> letter, legal, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes; <b>Photo Tray:</b> 3.5 x 5 in, 4 x 6 in, 5 x 7 in
<b>MEDIA SIZES CUSTOM</b>	<b>Photo Tray:</b> 4 x 6 in. to 5 x 7 in; <b>Main Tray:</b> 3 x 5 in to 8.5 x 14 in
<b>MEDIA WEIGHT SUPPORTED</b>	<b>Main Tray:</b> 16 to 75 lb bond; <b>Photo tray:</b> 53 to 75 lb bond; <b>Media Weight Recommended:</b> 16 to 24 lb
<b>PAPER HANDLING STANDARD/INPUT</b>	100-sheet input tray; 20-sheet (automated 5 x 7 -in) photo tray; 50-sheet output tray; <b>Duplex Options:</b> Automatic (standard); <b>Envelope Feeder:</b> Yes, 15; <b>Standard Paper Trays:</b> 1 plus automated 5 x 7-in photo tray <b>Input Capacities:</b> Maximum output capacity: Up to 100 sheets, Up to 35 sheets legal, Up to 40 sheets labels, Up to 60 sheets photo paper, Up to 60 sheets 4 x 6 photos, Up to 40 sheet transparencies, Up to 40 cards, Up to 15 envelopes; <b>Output Capacities:</b> Maximum output capacity: Up to 50 sheets, Up to 10 sheets legal, Up to 25 sheets labels, Up to 25 sheets transparencies, Up to 25 sheets photo paper, Up to 25 cards, Up to 15 envelopes
<b>SKEW/ALIGNMENT</b>	<b>Media Skew:</b> +/- 0.003 in; <b>Vertical Alignment Accuracy:</b> +/- 0.006 in
<b>DISPLAY</b>	4.33-in touchscreen CGD (with TouchSmart web control panel)
<b>MEMORY</b>	256 MB
<b>NUMBER OF PRINT CARTRIDGES</b>	5 (1 each black, photo, cyan, magenta, yellow)
<b>COMPATIBLE OPERATING SYSTEMS</b>	Windows Vista® (32 and 64-bit) Windows XP (SP1 or higher [32-bit]), Mac OS X v 10.4, v 10.5 and v 10.6, Linux (see <a href="http://www.hp.com">http://www.hp.com</a> )

## FOR MORE INFORMATION VISIT OUR WEBSITE AT [WWW.HP.COM](http://www.hp.com)

PHOTOSMART PREMIUM TOUCHSMART WEB ALL-IN-ONE PRINTER Product Number: CD734A

Product Identifier: C309n

ENERGY STAR® qualified models; see <http://www.hp.com/go/energystar>

<sup>1</sup>After first page; see <http://www.hp.com/go/inkjetprinter> for details. Print speed may vary depending on the type of output. <sup>2</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. <sup>3</sup>Maximum resolution may be limited by PC system factors and scan size. <sup>4</sup>Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. <sup>5</sup>Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. Some ink from included cartridge is used to start up the printer. For details see <http://www.hp.com/go/learnaboutsupplies>

<b>MINIMUM SYSTEM REQUIREMENTS</b>	PC: Windows XP® SP1* or higher, Any Intel Pentium II, Celeron or compatible processor, 233 MHz or higher, 128 MB RAM (256 MB or higher recommended), 800 MB hard disk space, CD-ROM/DVD or Internet, Microsoft Internet Explorer 6 or higher, USB port, Windows Vista(TM), 800 MHz 32-bit (x86) or 64-bit (64) processor, 512 MB RAM, 920 GB hard disk space, CD-ROM/DVD drive or Internet connection, Microsoft Internet Explorer, USB Port. Windows 7 ready. Some features may not be available. For more information go to <a href="http://www.hp.com/go/windows7">www.hp.com/go/windows7</a> . *Windows XP Professional x64 not supported. Mac: Mac OS X v10.4, v10.5 or v10.6, Power PC G3, G4, G5 or Intel Core processor, 256 MB RAM, 500 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port
<b>OPERATING ENVIRONMENT</b>	<b>Operating Temperature Range:</b> 41 to 104° F (5 to 40° C); <b>Recommended Operating Temperature Range:</b> 59 to 95° F (15 to 35° C); <b>Storage Temperature Range:</b> -40 to 140° F (-40 to 60° C); <b>Operating Humidity Range Recommended:</b> 25 to 75% RH, 28C maximum dewpoint, non-condensing; <b>Operating Humidity Range:</b> 15 to 85% RH, 28C maximum dewpoint, non-condensing; <b>Non-Operating Humidity Range:</b> 10 to 90% RH, non-condensing
<b>ACOUSTICS</b>	<b>Acoustic Power Emissions:</b> 6.7 B(A) (printing at 17.6 ppm); <b>Acoustic Power Emissions (active, copy or scan):</b> 6.0 B(A) (copying at 3.3 ppm); <b>Acoustic Pressure Emissions:</b> 54 dB(A) (printing at 17.6 ppm)
<b>POWER<sup>4</sup></b>	<b>Power Supply Type:</b> External 50 watt AC adaptor; <b>Power Requirements:</b> Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 5%); <b>Power Consumption:</b> 42 watts maximum, 20 watts active, 0.36 watts off, 5.9 watts powersave, 8.1 watts standby
<b>PRODUCT DIMENSIONS</b>	w x d x h: 17.99 x 19.33 x 7.76 in
<b>PRODUCT WEIGHT</b>	19.4 lb
<b>WHAT'S IN THE BOX<sup>5</sup></b>	HP Photosmart Premium Touchsmart Web All-in-One Printer, Reference Guide, HP 564 Black Photosmart Ink Cartridge (~ 250 pages), HP 564 Photo Photosmart Ink Cartridge (~ 130 4 x 6-in pages), HP 564 Cyan Photosmart Ink Cartridge (~ 300 pages), HP 564 Magenta Photosmart Ink Cartridge (~ 300 pages), HP 564 Yellow Photosmart Ink Cartridge (~ 300 pages), Reusable Tote, Accessory Bag, Power cord, Power supply, USB cable, Software CD
<b>WARRANTY</b>	HP Total Care: Award Winning Service and Support One-year technical phone support  <ul style="list-style-type: none"> <li>• One-year limited hardware warranty</li> <li>• For details on one- or two-year HP Next Business Day Exchange Extended Service Plan, see terms inside the box</li> <li>• Access to 24/7 award-winning support services through <a href="http://www.hp.com/support">www.hp.com/support</a></li> </ul>
<b>SERVICE AND SUPPORT OPTIONS</b>	HP 2 year Next Business Day Exchange, UG605E HP 3 year Next Business Day Exchange, UG608E HP 4 year Next Business Day Exchange, UH609E HP 2 year Next Business Day Exchange w/ Enhanced Phone Support, UQ211E HP 3 year Next Business Day Exchange w/ Enhanced Phone Support, UQ212E HP 4 year Next Business Day Exchange w/ Enhanced Phone Support, UQ213E HP Premium Install Networked Printer Service, US285E HP Basic Install Wireless Printer Service, US284E
<b>REPLACEMENT INK CARTRIDGES<sup>5</sup></b>	HP 564 Black Photosmart Ink Cartridge (~ 250 pages), CB316W HP 564 Photo Photosmart Ink Cartridge (~ 130 4 x 6-in pages), CB317W HP 564 Cyan Photosmart Ink Cartridge (~ 300 pages), CB318W HP 564 Magenta Photosmart Ink Cartridge (~ 300 pages), CB319W HP 564 Yellow Photosmart Ink Cartridge (~ 300 pages), CB320W HP 564XL Black Photosmart Ink Cartridge (~ 800 pages), CB321W HP 564XL Photo Photosmart Ink Cartridge (~ 290 4 x 6-in pages), CB322W HP 564XL Cyan Photosmart Ink Cartridge (~ 750 pages), CB323W HP 564XL Magenta Photosmart Ink Cartridge (~ 750 pages), CB324W HP 564XL Yellow Photosmart Ink Cartridge (~ 750 pages), CB325W