



# Photosmart Plus

## e-All-in-One

Touch your way to easier photo printing. Produce lab-quality photos, everyday documents, creative projects and Web favorites affordably from anywhere, anytime, with any device.<sup>2</sup> HP ePrint and integrated wireless keep you connected on the go.<sup>2,4</sup>

**Maximum Speed<sup>1</sup>:** Up to 32 ppm black, up to 30 ppm color  
**Laser Comparable Speed:** Up to 8.4 ppm black, Up to 7.5 ppm color  
**Scan:** Up to 1200 x 1200 dpi; **Scan Type:** Flatbed scanner  
**Copy:** Up to 1200 optimized dpi from 600 input dpi (black graphics & black);  
 Up to 50 copies maximum number of copies  
**Standard Connectivity:** 1 USB (2.0), 1 Wireless 802.11b/g/n  
**Display:** 3.45" (8.9 cm) touchscreen CGD (with TouchSmart control panel)  
**Paper Handling:** 125-sheet input tray, 20-sheet photo tray, 50-sheet output tray  
 borderless printing up to 8.5 x 11 in



### Get easy, affordable photo and everyday printing

- Produce lab-quality photos and everyday documents, make copies and scan photos—all without turning on your PC.
- Use the auto-engaging photo tray to easily print lab-quality, smudge-resistant photos that last.<sup>5</sup>
- Access Snapfish to share photos with friends<sup>3</sup> or use HP photo software to have more fun with your photos.
- Print more affordably, using individual inks, and save even more with XL cartridges for frequent printing.

### Quickly print from the Web without using a PC<sup>2</sup>

- Print from the Web without a PC—coupons, recipes, greeting cards and more—using the HP TouchSmart screen.<sup>3</sup>
- Easily print photos and make copies, scans, photo reprints and more using the intuitive HP TouchSmart screen.
- Get fun and useful templates for calendars, games and more, using HP Quick Forms.<sup>3</sup>

### Print from anywhere, anytime, with HP ePrint<sup>2</sup>

- Print at your convenience—whether it's from across town or across the room—using HP ePrint.<sup>2</sup>
- Print and share from multiple PCs in your home, using integrated wireless.<sup>4</sup>
- Simply touch one button and you'll be ready to print wirelessly.<sup>6</sup>
- Wirelessly print directly from a smartphone, using HP mobile printing applications.<sup>7</sup>

### Save energy and conserve resources

- Save energy, using an all-in-one that is ENERGY STAR<sup>®</sup> qualified.
- Get free, easy recycling—cartridges returned through HP Planet Partners are recycled responsibly.<sup>8</sup>

#### ecoHIGHLIGHTS

HP Photosmart Plus e-All-in-One Printer

- Reduce clutter and waste—scan, store and share documents digitally.
- Save money and energy: uses less than 1 watt of energy while in Off mode.

ENERGY STAR<sup>®</sup> Qualified

[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>After first page; see [www.hp.com/go/inkjetprinter](http://www.hp.com/go/inkjetprinter) for details. <sup>2</sup>May require an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. For details, <http://www.hp.com/go/ePrinterCenter>. <sup>3</sup>Requires a wireless access point and an Internet connection to the printer. Services may require registration. Apps availability varies by country and language. For details, <http://www.hp.com/go/ePrinterCenter>.

<sup>4</sup>Wireless performance is dependent upon physical environment and distance from access point. <sup>5</sup>Display-permanence rating by Wilhelm Imaging Research, Inc., or HP Image Permanence Lab. For details, <http://www.hp.com/go/printpermanence>. <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>See <http://www.hp.com/go/mobile-printing-solutions> for details on compatible devices. <sup>8</sup>Program availability varies. HP print cartridge return and recycling is currently available in more than 50 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit [www.hp.com/recycle](http://www.hp.com/recycle).



<b>FUNCTIONS</b>	Print, scan, copy, web
<b>PRINT TECHNOLOGY</b>	HP Thermal Inkjet
<b>STANDARD PRINTER LANGUAGES</b>	HP PCL 3 GUI, PML
<b>PRINT RESOLUTION</b>	<b>Black (best quality):</b> Up to 600 x 600 dpi <b>Color (best quality):</b> Up to 4800 x 1200-optimized dpi (when printing from a computer on selected HP photo papers and 1200-input dpi)
<b>PRINT SPEED<sup>1</sup></b>	<b>Black (draft):</b> Up to 32 ppm; <b>Color (draft):</b> Up to 30 ppm <b>Color Photo (draft):</b> As fast as 16 sec; <b>Laser Comparable Speed:</b> Up to 8.4 ppm black and Up to 7.5 ppm color
<b>PRINTER SMART SOFTWARE FEATURES</b>	HP Photo Creations software, available for download at: <a href="http://www.hp.com/go/printing-software">http://www.hp.com/go/printing-software</a>
<b>PRINTING FEATURES</b>	<b>Borderless Printing:</b> Yes, up to 8.5 x 11 in <b>Direct Print Supported:</b> Yes (memory cards)
<b>COMPATIBLE INK TYPES</b>	Dye-based, pigment-based
<b>DUTY CYCLE (MONTHLY)</b>	Up to 1,250 pages
<b>COLOR SCANNING</b>	Yes
<b>SCAN TYPE</b>	Flatbed
<b>SCAN TECHNOLOGY</b>	Contact Image Sensor (CIS)
<b>SCAN RESOLUTION</b>	<b>Hardware:</b> Up to 1200 x 2400 dpi; <b>Optical:</b> Up to 1200 dpi
<b>SCAN SIZE MAXIMUM</b>	8.5 x 11.7 in (216 x 297 mm)
<b>SCAN INPUT MODES</b>	Front panel scan and copy
<b>BIT DEPTH/GRAY SCALE LEVELS</b>	24-bit/256
<b>OUTPUT FILE FORMAT</b>	JPEG (EXIF)
<b>COPY RESOLUTION</b>	<b>Black (text and graphics):</b> Up to 1200 optimized dpi from 600 input dpi <b>Color (text and graphics):</b> Up to 4800 x 1200 optimized dpi from 1200 input dpi
<b>COPY SPEED</b>	<b>Black (draft, letter):</b> Up to 32 cpm; <b>Color (draft, letter):</b> Up to 30 cpm
<b>MAXIMUM NUMBER OF COPIES</b>	Up to 50 copies
<b>COPIER RESIZE</b>	25 to 400%
<b>STANDARD CONNECTIVITY</b>	1 USB (2.0), 1 Wireless 802.11b/g/n
<b>WIRELESS CAPABILITY</b>	Yes
<b>NETWORK READY</b>	Standard; <b>Network Capabilities:</b> Wireless 802.11b/g/n
<b>MOBILE PRINTING CAPABILITY<sup>2</sup></b>	HP ePrint, Apple AirPrint™
<b>MEMORY CARD COMPATIBILITY</b>	Memory Stick Duo, Secure Digital/MultimediaCard
<b>MEMORY</b>	<b>Maximum/Standard:</b> 64 MB
<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>CUSTOM MEDIA SIZES</b>	<b>Photo Tray:</b> 9 x 13 to 13 x 18 cm <b>Main Tray:</b> 8 x 13 to 22 x 36 cm
<b>MEDIA WEIGHT RECOMMENDED</b>	16 to 24 lb
<b>PAPER HANDLING</b>	<b>Input Capacity:</b> Up to 125 sheets, Up to 40 sheets transparencies, Up to 40 sheets labels, Up to 60 sheets photo paper, Up to 40 cards, Up to 15 envelopes <b>Output Capacity:</b> Up to 50 sheets legal, Up to 25 sheets labels, Up to 25 sheets transparencies, Up to 25 cards, Up to 15 envelopes, Up to 25 sheets photo paper
<b>AUTOMATIC PAPER SENSOR</b>	Yes
<b>ENVELOPE FEEDER</b>	Yes, 15
<b>VERTICAL ALIGNMENT ACCURACY</b>	+/- 0.006 in

<b>DISPLAY</b>	3.45" (8.9 cm) touchscreen CGD (with TouchSmart control panel)
<b>IMAGE SCALING OR ENLARGEMENT RANGE</b>	12 to 1200% in 1% increments at 200 dpi
<b>COMPATIBLE OPERATING SYSTEMS</b>	Microsoft® Windows® 7, Windows Vista® and Windows® 32-bit XP (SP2 or higher), Mac OS X v 10.5 and v 10.6
<b>MINIMUM SYSTEM REQUIREMENTS</b>	<b>PC:</b> Microsoft® Windows® 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor; 1 GB (32-bit) or 2 GB (64-bit) RAM, 650 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer, Windows Vista®: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 512 MB RAM, 750 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer, Windows® XP (SP2)* or higher (32-bit only), any Intel Pentium II, Celeron or compatible processor, 233 MHz or higher, 128 MB RAM, 300 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6 or higher. *Supports 32-bit only; <b>Mac:</b> Mac OS X v 10.5 or v 10.6, PowerPC G4, G5 or Intel Core processor, 256 MB RAM, 300 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port
<b>OPERATING ENVIRONMENT</b>	<b>Operating Temperature Range:</b> 5 to 40° C; <b>Recommended Operating Temperature:</b> 59 to 95° F (15 to 35° C); <b>Maximum Operating Temperature:</b> 41 to 104° F; <b>Storage Temperature Range:</b> -40 to 140° F (-40 to 60° C); <b>Operating Humidity Range:</b> 10 to 90% RH (non-condensing); <b>Operating Humidity Range:</b> 25 to 75% RH (non-condensing); <b>Recommended Operating Humidity Range:</b> 25 to 75% RH, non-condensing
<b>ACOUSTICS</b>	<b>Acoustic Power Emissions:</b> 6.9 B(A) (printing at 17 ppm); <b>Acoustic Power Emissions (active, copy or scan):</b> 6.2 B(A) (copying at 3.5 ppm)
<b>POWER</b>	<b>Power Supply Type:</b> External universal power supply; <b>Input Voltage:</b> Input voltage 100 to 240 VAC (+/-10%), 50/60 Hz (+/- 5%); <b>Power Consumption:</b> 30 watts maximum, 15 watts active, 0.4 watts manual-off, 5.4 watts standby, 3.4 watts sleep
<b>PRODUCT DIMENSIONS</b>	<b>W x D x H:</b> 17.8 x 15.79 x 7.83 in (452 x 401 x 199 mm) <b>Maximum:</b> 17.8 x 22.75 x 17.9 in (452 x 578 x 454 mm)
<b>PRODUCT WEIGHT</b>	16.4 lb (7.45 kg)
<b>WHAT'S IN THE BOX</b>	HP Photosmart Plus e-All-in-One Printer (B210a), HP 564 Black Photosmart Ink Cartridge (~ 250 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), Software CD, Reference Guide, Power supply, Power cord, Accessory Bag
<b>WARRANTY</b>	World-class service and support. One-year technical phone support, one-year limited hardware warranty. Access to 24/7 award-winning support services through <a href="http://www.hp.com/support">http://www.hp.com/support</a>
<b>REPLACEMENT CARTRIDGES</b>	HP 564 Black Ink Cartridge (~ 250 pages) HP 564 Cyan Ink Cartridge (~ 300 pages) HP 564 Magenta Ink Cartridge (~ 300 pages) HP 564 Yellow Ink Cartridge (~ 300 pages) HP 564XL Black Ink Cartridge (~ 800 pages) HP 564XL Cyan Ink Cartridge (~ 750 pages) HP 564XL Magenta Ink Cartridge (~ 750 pages) HP 564XL Yellow Ink Cartridge (~ 750 pages)
<b>SERVICE AND SUPPORT OPTIONS</b>	HP 2-year Next Business Day ExchPrinting and Imaging-H SVC, UG605E HP 3-year Next Business Day ExchPrinting and Imaging-H SVC, UG608E HP 4-year Next Business Day ExchPrinting and Imaging-H SVC, UH609E

#### ADDITIONAL INFORMATION

<b>COUNTRY OF ORIGIN</b>	Product of China
<b>MATERIAL TYPE CODE</b>	FERT
<b>BUSINESS UNIT</b>	IJ Printers
<b>PALLET</b>	<b>Dimensions:</b> 48 x 40 x 97.13 in (1219.2 x 1016 x 2467 mm) <b>Weight:</b> 1038 lb (471 kg) <b>Layers:</b> 5

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

HP Photosmart Plus e-All-in-One Product Number: CN216A  
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>May require a firmware upgrade to be AirPrint™ compatible, download at <http://www.hp.com/go/support>.