



PHOTOSMART PREMIUM

e-All-in-One PRINTER

Use the HP TouchSmart screen and customizable apps to print Web favorites, everyday documents, lab-quality photos and creative projects without a PC.²

HP ePrint and integrated wireless keep you in touch with your online world.^{3, 4}

Maximum Speed¹: Up to 33 ppm black, up to 32 ppm color

Laser Comparable Speed: Up to 11 ppm black, Up to 8 ppm color

Scan: Up to 1200 x 2400 dpi; **Scan Type:** Flatbed scanner

Copy: Up to 1200 optimized dpi from 600 input dpi (black graphics & black);
Up to 99 copies maximum number of copies

Standard Connectivity: 1 USB (2.0), 1 Wireless 802.11b/g/n

Display: 4.3" (10.9 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



Print from the Web and remotely with apps and HP ePrint^{2, 3}

- Easily access and print Web content without a PC—maps, coupons, photos and more—using customizable apps.²
- Quickly print Web content, photos and more, using the large, intuitive HP TouchSmart screen.
- Print at your convenience—whether it's from across town or across the room—using HP ePrint.³
- Get fun and useful templates for calendars, games and more, using HP Quick Forms.²

Print, Scan and Copy—wirelessly—no PC required

- Print and share from multiple PCs, and stay connected, using integrated wireless networking.⁵
- Produce photos and documents, make copies and scan photos—without a PC.
- Print lab-quality photos that dry instantly, resist smudging and last for generations.⁶

Produce impressive photos and fun photo projects

- Count on affordable, individual inks for lab-quality photos and laser-quality text.
- Access Snapfish to print and share photos or use HP Photo Creations software to edit photo projects.²
- Print on-demand with the auto-engaging photo tray.
- Choose high-capacity ink cartridges or HP Photo Value Packs—a better value for frequent printing.^{7, 8}

Save energy and conserve resources

- Save time and paper by printing two-sided documents automatically.
- Save energy, using an e-All-in-One that is ENERGY STAR[®] qualified.
- Reduce waste by choosing an e-All-in-One that is shipped in an innovative, reusable tote bag.
- Get free, easy recycling—cartridges returned through HP Planet Partners are recycled responsibly.⁹

ecoHIGHLIGHTS

HP Photosmart Premium e-All-in-One Printer

- Save paper by up to 50% using automatic two-sided printing.
- Reduces packaging waste by using an innovative, reusable bag.
- Save money and energy: uses less than 1 watt of energy while in Off mode.

ENERGY STAR[®] qualified product

www.hp.com/ecosolutions

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



¹After first page; see www.hp.com/go/inkjetprinter for details. ²Requires 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/ePrintCenter>. ³May require an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. For details, <http://www.hp.com/go/ePrintCenter>.

⁴Wireless performance is dependent upon physical environment and distance from access point. ⁵Requires a WPS router with an integrated push-button. Wireless performance depends on physical environment and distance from access point. ⁶Display-permanence rating by Wilhelm Imaging Research, Inc., or HP Image Permanence Lab. For details, <http://www.hp.com/go/printpermanence>.

⁷Compared to HP 564 Black and color Ink Cartridges. High-capacity cartridges not included, please purchase separately. ⁸Not included, please purchase separately. ⁹Program 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.





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TECHNICAL SPECIFICATIONS

FUNCTIONS	Print, Scan, Copy, Web
PRINT TECHNOLOGY	HP Thermal Inkjet
STANDARD PRINTER LANGUAGES	HP PCL 3 GUI, PML
PRINT RESOLUTION	Black (best quality): Up to 600 x 600 dpi; Color (best quality): Up to 9600 x 2400-optimized dpi (when printing from a computer on selected HP photo papers and 1200-input dpi)
PRINT SPEED¹	Black (draft): Up to 33 ppm; Color (draft): Up to 32 ppm; Color Photo (draft): As fast as 16 sec; Laser Comparable Speed: Up to 11 ppm black and Up to 8 ppm color
PRINTER SOFTWARE FEATURES	HP Photo Creations software, available for download at: http://www.hp.com/go/printing-software
PRINTING FEATURES	Borderless Printing: Yes, up to 8.5 x 11 in; Direct Print Supported: Yes (memory cards)
COMPATIBLE INK TYPES	Dye-based, pigment-based
DUTY CYCLE (MONTHLY)	Up to 1,600 pages
COLOR SCANNING	Yes
SCAN TYPE	Flatbed
SCAN TECHNOLOGY	Contact Image Sensor (CIS)
SCAN RESOLUTION	Hardware: Up to 1200 x 2400 dpi; Optical: Up to 1200 dpi
SCAN SIZE MAXIMUM	8.5 x 11.7 in (216 x 297 mm)
SCAN INPUT MODES	Front Panel scan, HP Photosmart software
BIT DEPTH/GRAY SCALE LEVELS	48-bit/256
OUTPUT FILE FORMAT	JPEG (EXIF)
COPY RESOLUTION	Black (text and graphics): Up to 1200 optimized dpi from 600 input dpi; Color (text and graphics): Up to 1200 optimized dpi from 600 input dpi
COPY SPEED	Black (draft, letter): Up to 33 cpm; Color (draft, letter): Up to 32 cpm
MAXIMUM NUMBER OF COPIES	Up to 99 copies
COPIER RESIZE	25 to 400%
STANDARD CONNECTIVITY	1 USB (2.0), 1 Wireless 802.11b/g/n
WIRELESS CAPABILITY	Yes, embedded
NETWORK READY	Standard (built-in WiFi 802.11b/g/n); Network Capabilities: Wireless 802.11b/g/n
MEMORY CARD COMPATIBILITY	Memory Stick Duo, Secure Digital/MultimediaCard
MEMORY	Maximum/Standard: 64 MB
MEDIA TYPES SUPPORTED	Paper (plain, inkjet, photo), transparencies, envelopes, labels, cards (index, greeting)
MEDIA SIZES SUPPORTED	Main Tray: letter, legal, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes; Photo Tray: 3.5 x 5 in, 4 x 6 in, 5 x 7 in
CUSTOM MEDIA SIZES	Photo Tray: 3.5 x 5 to 5 x 7 in; Main Tray: 3 x 5 to 8.5 x 14 in
MEDIA WEIGHT RECOMMENDED	16 to 24 lb
PAPER HANDLING	125-sheet input tray, 20-sheet photo tray, 50-sheet output tray Input Capacity: Up to 125 sheets legal, Up to 40 sheets transparencies, Up to 40 sheets labels, Up to 60 sheets photo paper, Up to 40 cards, Up to 15 envelopes; Output Capacity: 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
AUTOMATIC PAPER SENSOR	Yes
ENVELOPE FEEDER	Yes, 15
VERTICAL ALIGNMENT ACCURACY	+/- 0.006 in
DISPLAY	4.3" (10.9 cm) touchscreen CGD (with TouchSmart control panel)
IMAGE SCALING OR ENLARGEMENT RANGE	12 to 1200% in 1% increments at 200 dpi
COMPATIBLE OPERATING SYSTEMS	Microsoft® Windows® 7, Windows Vista® and Windows® XP 32-bit (SP2 or higher), Mac OS X v 10.5 and v 10.6

MINIMUM SYSTEM REQUIREMENTS	PC: Microsoft® Windows® 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 1 GB (32-bit) or 2 GB (64-bit) RAM, 1.2 GB 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, 1.2 GB 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, 500 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6 or higher. *Supports 32-bit only; Mac: 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
OPERATING ENVIRONMENT	Operating Temperature Range: 15 to 35° C; Recommended Operating Temperature: 59 to 95° F (15 to 35° C); Maximum Operating Temperature: 50 to 99° F; Storage Temperature Range: 50 to 99° F (13 to 35° C); Operating Humidity Range: 15 to 85% RH, non-condensing; Storage Humidity: 10 to 90% RH, non-condensing; Recommended Operating Humidity Range: 25 to 75% RH, non-condensing
ACOUSTICS	Acoustic Power Emissions: 6.8 B(A) (printing at 17 ppm); Acoustic Power Emissions (active, copy or scan): 6.0 B(A) (copying through flatbed at 3 ppm); Acoustic Pressure Emissions: 55 dB(A) (printing at 17 ppm)
POWER	Power Supply Type: External universal power supply; Input Voltage: Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 5%); Power Consumption: 28 watts maximum, 20.5 watts active, 0.5 watts manual-off, 7.2 watts standby, 6.4 watts sleep
PRODUCT DIMENSIONS	W x D x H: 17.91 x 17.7 x 7.8 in (455 x 450 x 199 mm); Maximum: 17.9 x 21.4 x 16.9 in (455 x 554 x 430 mm)
PRODUCT WEIGHT	16.9 lb (7.7 kg)
WHAT'S IN THE BOX	HP Photosmart Premium e-All-in-One Printer (C310a), HP 564 Black Photosmart Ink Cartridge (~ 250 pages), HP 564 Photo Photosmart Ink Cartridge, 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, Reusable Tote, Accessory Bag
WARRANTY	World-class service and support. One-year technical phone support; one-year limited hardware warranty. Access to 24/7 award-winning support services through http://www.hp.com/support
REPLACEMENT CARTRIDGES	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); HP 564XL Black Photosmart Ink Cartridge (~ 800 pages); HP 564XL Photo Photosmart Ink Cartridge (~ 290 4 x 6-in pages); HP 564XL Cyan Photosmart Ink Cartridge (~ 750 pages); HP 564XL Magenta Photosmart Ink Cartridge (~ 750 pages); HP 564XL Yellow Photosmart Ink Cartridge (~ 750 pages)
SERVICE AND SUPPORT OPTIONS	HP 2-year Next Business Day Exch w/Enhanced Phone Support, UG605E; HP 3-year Next Business Day Exch w/Enhanced Phone Support, UG608E; HP 4-year Next Business Day Exch w/Enhanced Phone Support, UG609E; HP Basic Installation Service for one consumer printer with wireless capability, US284E; HP Premium Installation Service with wireless network setup for up to three PCs and/or printers, US285E

ADDITIONAL INFORMATION

COUNTRY OF ORIGIN	Product of China
MATERIAL TYPE CODE	FERT
BUSINESS UNIT	IJ Printers
PALLET	Dimensions: 48 x 40 x 85.9 in (1219.2 x 1016 x 2183 mm); Weight: 868 lb (394 kg); Layers: 4

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

HP PHOTOSMART PREMIUM e-All-in-One PRINTER Product Number: CN503A
ENERGY STAR® qualified models; see: <http://www.hp.com/go/energystar>

¹After first page; see <http://www.hp.com/go/inkjetprinter> for details. Print speed may vary depending on the type of output.

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