



PHOTOSMART PREMIUM FAX

e-All-in-One PRINTER

Expect ultimate versatility, from faxes to photos

Print Speed¹: Black: Up to 34 ppm; Color: Up to 32 ppm; 4 x 6 in Photo Paper: As fast as 63 sec

Scan: Up to 4800 x 4800 dpi; Scan Type: Flatbed

Copy: Up to 50 copies; Speed (normal): Up to 6 cpm black and Up to 6 cpm color

Fax: Maximum Number of Speed Dials: Up to 90 numbers; Fax Memory: Up to 90 pages

Paper Handling: 125-sheet input tray, 20-sheet photo tray

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

Monthly Volume (Duty Cycle): Up to 2,500 pages

Features: 2.4" LCD (color graphics), Borderless printing up to 8.5 x 11 in



Gain the versatility to tackle it all from home

- Fax, scan and copy unattended, and handle two-sided documents, using the 50-page automatic document feeder.
- Print lab-quality photos directly from the all-in-one, using memory card slots and the color display.
- Count on affordable, individual inks for long-lasting photos⁵, and get a better value for frequent printing.
- Have more fun with your photos with HP Photo Creations software, and get tools to make photo printing even easier.

Print from anywhere, anytime, with any device²

- Print at your convenience—whether it's from across town or across the room—using HP ePrint.²
- Print and share from multiple PCs, and stay connected, using integrated wireless and wired networking.⁴
- Wirelessly print directly from a smartphone, using HP mobile printing applications.⁶

Quickly print from the Web without using a PC²

- Print from the Web without a PC—coupons, recipes, greeting cards and more—directly from the color display.³
- Use the color display to print photos and make copies, scans and photo reprints.
- Make the most of fun and useful templates for calendars, games and more, using HP Quick Forms.³

Conserve resources and save energy

- Save time and paper by printing two-sided documents automatically.
- Save energy and print more responsibly, using an all-in-one that is ENERGY STAR[®] qualified.
- Reduce waste by choosing an all-in-one that is shipped in an innovative, reusable tote bag.
- Get free and easy recycling—cartridges returned through HP Planet Partners are recycled responsibly.⁷

ecoHIGHLIGHTS

HP Photosmart Premium Fax All-in-One Printer

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

ENERGY STAR[®] Qualified

www.hp.com/ecosolutions

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



¹After first page; see <http://www.hp.com/go/inkjetprinter> for details. ²May require an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. For details, see <http://www.hp.com/go/ePrintCenter>. ³Requires a wireless access point and an Internet connection to the printer. Services may require registration. For details, see <http://www.hp.com/go/ePrintCenter>. ⁴Wireless performance depends upon physical environment and distance from access point. ⁵Display-permanence rating by Wilhelm Imaging Research, Inc., or HP Image Permanence Lab. For details, see <http://www.hp.com/go/printpermanence>. ⁶See <http://www.hp.com/go/mobile-printing-solutions> for details on compatible devices. ⁷Program availability varies. HP print cartridge return and recycling is currently available in more than 49 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit <http://www.hp.com/recycle>.





PHOTOSMART PREMIUM FAX

e-All-in-One PRINTER

TECHNICAL SPECIFICATIONS

FUNCTIONS	Print, copy, scan, fax
PRINT TECHNOLOGY	HP Thermal Inkjet
STANDARD CONNECTIVITY	1 USB (2.0), 1 Ethernet, 1 Wireless 802.11b/g/n
WIRELESS CAPABILITY	Yes; Wireless Technologies: 802.11b/g/n
MEMORY CARD COMPATIBILITY	CompactFlash, Memory Stick, Memory Stick Duo, Secure Digital/MultimediaCard, Secure Digital High Capacity Card, xD-Picture Card
STANDARD PRINTER LANGUAGES	HP PCL 3 GUI
PRINT RESOLUTION	Black (best): Up to 600 x 600 dpi; Color (best): Up to 9600 x 2400 dpi optimized
PRINT SPEED¹	Black: Up to 34 ppm; Color: Up to 32 ppm; 4 x 6 Photos: As fast as 63 sec
PRINT CAPABILITIES	Borderless Printing: Yes (up to 8.5 x 11 in); Automatic Paper Sensor: No; Photo Proofsheets Supported: No; Direct Print Supported: Yes (memory cards)
PRINTER SMART SOFTWARE FEATURES	Auto duplex, 2-sided ADF, 802.11n, 5 x 7 Auto Photo Tray, Media Sense, Full Bleed Photos on Plain Paper, Quick Forms (Sudoku), paper saving shortcut
DUPLEX PRINT OPTIONS	Automatic (standard)
DUTY CYCLE	Up to 2,500 pages
SCAN TYPE	Flatbed, ADF
SCAN TECHNOLOGY	Contact Image Sensor (CIS)
SCAN RESOLUTION²	Hardware: Up to 4800 x 4800 dpi; Optical: Up to 4800 dpi; Enhanced Scanning Resolution: Up to 19,200 dpi
BIT DEPTH/GRAY SCALE	48-bit, 65536 Gray scale levels
FAX SPEED	3 sec per page
FAX RESOLUTION	Black (best): Up to 300 x 300 dpi; Color (fine): Up to 200 x 200 dpi
FAX FEATURES	Fax Memory: Up to 90 pages; Fax Polling: Yes; Auto Fax Reduction Supported: Yes; Fax Auto-Redialing: Yes; Fax Broadcasting, Max Locations: 20; Fax Delayed Sending: Yes; Fax Forwarding Supported: Yes; Fax Speed Dialing, Max Numbers: Up to 90 numbers; Fax Telephone Mode Supported: No; Fax Phone TAM Interface Supported: Yes; Junk Barrier Supported: Yes, requires Caller ID; PC Interface Supported: Yes; Remote Retrieval Capability Supported: Yes
FAX PHONE FEATURES	Resolution Lighter/Darker, 2-Sided Fax Send, Scan and Fax, Broadcast Fax, Send Fax Later, Poll to Receive, Set New Defaults
CAMERA PHONE SUPPORTED	Yes
CAMERA PHONE DESCRIPTION	Direct photo printing from camera phones with memory cards
COPIER SETTINGS	Stand-alone copying: Actual size, Fit to page, Full page, Custom %, Legal to Letter, 2 on 1 and cropping
COPIER REDUCE	25 to 400%
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 SPEED³	Black (normal): Up to 6 cpm; Color (normal): Up to 6 cpm
COPIER SMART SOFTWARE FEATURES	2-sided copy from ADF, Crop, Photo Enhancements
MAXIMUM NUMBER OF COPIES	Up to 50 copies
MAXIMUM/STANDARD MEMORY	64 MB
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 TYPES SUPPORTED	Paper (plain, inkjet, photo), transparencies, envelopes, labels, CDs, DVDs, cards (index, greeting)
MEDIA WEIGHTS SUPPORTED	Main Tray: 16 to 75 lb Bond; Photo Tray: 53 to 75 lb Bond
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
RECOMMENDED MEDIA WEIGHT	16 to 24 lb
PRINT COLORS MAXIMUM	5
PAPER HANDLING STANDARD/INPUT	125-sheet input tray, 20-sheet photo tray; Input Capacities: Up to 125 sheets legal, 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; Output Capacities: Up to 10 sheets letter/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

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

HP PHOTOSMART PREMIUM FAX e-All-in-One PRINTER Product Number: CQ521A

Product Identifier: D110a

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. ²Maximum resolution may be limited by PC system factors and scan size. ³Speed specifications have been updated to reflect current industry testing methods. ⁴Average 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>

VERTICAL ALIGNMENT ACCURACY	+/- 0.006 in
DISPLAY	2.4" LCD (color graphics)
NUMBER OF PRINT CARTRIDGES	5 (1 each black, photo black, cyan, magenta, yellow)
COMPATIBLE OPERATING SYSTEMS	Microsoft [®] Windows [®] 7, Windows Vista [®] , Windows [®] XP (SP2)* or higher (32-bit only), Mac OS X v 10.5 or 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, 1.3 GB hard disk space, Internet Explorer, CD-ROM/DVD drive or Internet connection, USB port, Windows Vista [®] : 800 MHz 32-bit (x86) or 64-bit (x64) processor, 512 MB RAM, 1.3 GB hard disk space, Internet Explorer, CD-ROM/DVD drive or Internet connection, USB port, Windows [®] XP (SP2)* or higher (32-bit only), any Intel Pentium II, Celeron or compatible processor, 233 MHz or higher; 128 MB RAM, 600 MB hard disk space, Internet Explorer 6 or higher, CD-ROM/DVD drive or Internet connection, USB port. *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	Recommended Operating Temperature Range: 59 to 95° F (15 to 35° C); Storage Temperature Range: -40 to 140° F (-40 to 60° C); Operating Temperature Range: 41 to 104° F (5 to 40° C); Operating Humidity Range: 15 to 85% RH (non-condensing); Recommended Operating Humidity Range: 25 to 75% RH, 28° C maximum dewpoint (non-condensing); Non-Operating Humidity: 10 to 90% RH (non-condensing)
ACOUSTICS	Acoustic Power Emissions: 6.7 B(A) (printing at 16ppm); Acoustic Power Emissions (active, copy or scan): 6.2 B(A) (copying through ADF at 5 ppm); Acoustic Pressure Emissions: 54 dB(A) (printing at 16 ppm)
POWER	Power Supply Type: External AC adapter; Power Requirements: Input voltage: 100 to 240 V (+/- 10%), 50 to 60 Hz (+/- 3 Hz), 1.3 A; Power Consumption: 34 watts active, 4.4 watts sleep, 6 watts standby, 0.4 watts manual-off
PRODUCT DIMENSIONS	18.43 x 17.8 x 11.14 in with duplexer (468 x 453 x 283 mm with duplexer) Maximum: 18.43 x 22.75 x 19.48 in with duplexer
PRODUCT WEIGHT	22.92 lb (10.4 kg)
WHAT'S IN THE BOX	HP Photosmart Premium Fax e-All-in-One Printer (C410a), Basics Guide, HP 564 Black Ink Cartridge (~ 250 pages), HP 564 Photo Black Ink Cartridge (~ 130 4 x 6-in photos), HP 564 Cyan Ink Cartridge (~ 300 pages), HP 564 Magenta Ink Cartridge (~ 300 pages), HP 564 Yellow Ink Cartridge (~ 300 pages), Software CD, power cord, power supply, phone cord, reusable tote, accessory bag, USB
WARRANTY	With services, software, solutions and support from HP Total Care, you can use, protect and enjoy your HP technology. One-year technical phone support, One-year limited hardware warranty, Access to 24/7 award-winning support services through http://www.hp.com/support , To improve your product usage experience, please take time to register at http://www.register.hp.com
REPLACEMENT INK CARTRIDGES⁴	HP 564 Black Ink Cartridge (~ 250 pages); HP 564 Photo Black Ink Cartridge (~ 130 4 x 6-in 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 Photo Black Ink Cartridge (~ 290 4 x 6-in pages); HP 564XL Cyan Ink Cartridge (~ 750 pages); HP 564XL Magenta Ink Cartridge (~ 750 pages); HP 564XL Yellow Ink Cartridge (~750 pages)

ADDITIONAL INFORMATION

COUNTRY OF ORIGIN	Product of China
BUSINESS UNIT	IJ Printers
PALLET	Dimensions: 48 x 40 x 90.18 in Weight: 724 lb Layers: 6