



PHOTOSMART e-All-in-One PRINTER

Print lab-quality photos, everyday documents and Web content on the fly, without using a PC.¹ HP ePrint and Integrated wireless makes it easy to share the all-in-one with multiple PCs and print from any room in the house.^{2,3}

Print Speed: Black: Up to 29 ppm, Color: Up to 23 ppm, 4 x 6 in Photo Paper: As fast as 70 sec

Scan: Up to 1200 x 2400 dpi, Scan Type: Flatbed

Copy: Up to 30 copies, Speed (normal): Up to 5 cpm black and Up to 3 cpm color

Paper Handling: 80-sheet input tray, 15-sheet photo tray

Standard Connectivity: 1 USB 2.0, 1 WiFi 802.11n

Monthly Volume (Duty Cycle): Up to 1,000 pages

Features: 2.36" LCD (with TouchSmart Frame), Borderless printing up to 8.5 x 11 in



Count on easy photo and everyday printing

- Print photos and everyday documents, make copies without a PC and scan photos for reprints.
- Have more fun with your photos, using HP Photo Creations software,¹ plus get easy drag-and-drop printing.⁴
- Print lab-quality photos that dry instantly, resist smudging and last for generations.⁵
- Get a better value for frequent printing with high-capacity cartridges and HP Photo Value Packs.^{6,7}

Quickly print from the Web without using a PC¹

- Print from the Web without a PC—coupons, recipes, greeting cards and more—using the HP TouchSmart frame.¹
- Use the color display with an HP TouchSmart frame 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.¹

Print 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 in your home, using integrated wireless.³
- Simply touch one button and you'll be ready to print wirelessly.⁸

Save energy and conserve resources

- Save energy, using an all-in-one that is ENERGY STAR[®] qualified.
- Reduce waste by choosing an all-in-one that is shipped with an innovative, reusable tote bag.
- Conserve paper by easily printing multiple pages on both sides of a sheet of paper.
- Get free, easy recycling—cartridges returned through HP Planet Partners are recycled responsibly.¹⁰

ecoHIGHLIGHTS

HP PHOTOSMART e-All-in-One
PRINTER

- Uses less than 1 watt of energy while in off mode.
- Reduces packaging waste by using an innovative, reusable bag.
- Original HP 60 cartridges contain up to 70% recycled plastic.

ENERGY STAR[®] Qualified

www.hp.com/ecosolutions

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



¹Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. For details, <http://www.hp.com/go/ePrintCenter>. 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>. ³Wireless performance is dependent upon physical environment and distance from access point. ⁴Requires Windows Vista[®]. ⁵Display-permanence rating by Wilhelm Imaging Research, Inc., or HP Image Permanence Lab. For details, <http://www.hp.com/go/printpermanence>. ⁶Not included, please purchase separately. ⁷Compared with the HP 60 Black/Tri-color Ink Cartridge. Not included, please purchase separately. ⁸Requires a WPS router with an integrated Push-button. Wireless performance depends on physical environment and distance from access point. ⁹See <http://www.hp.com/go/mobile-printing-solutions> for details on compatible devices. ¹⁰Program 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 <http://www.hp.com/recycle>.





PHOTOSMART e-All-in-One PRINTER

TECHNICAL SPECIFICATIONS

FUNCTIONS	Print, copy, scan
PRINT TECHNOLOGY	HP Thermal Inkjet
STANDARD CONNECTIVITY	1 USB 2.0, 1 WiFi 802.11n
WIRELESS CAPABILITY	Yes; Wireless Technologies: 802.11b/g/n
MEMORY CARD COMPATIBILITY	Memory Stick Duo, Secure Digital/MultimediaCard
STANDARD PRINTER LANGUAGES	HP PCL 3 GUI
PRINT RESOLUTION	Black (best): Up to 600 dpi; Color (best): Up to 4800 x 1200 optimized dpi (from 1200 dpi input data when printing from a computer on photo paper)
PRINT SPEED¹	Black: Up to 29 ppm; Color: Up to 23 ppm; 4 x 6 Photos: As fast as 70 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)
DUPLEX PRINT OPTIONS	Manual (driver support provided)
DUTY CYCLE	Up to 1,000 pages
SCAN TYPE	Flatbed
SCAN TECHNOLOGY	Contact Image Sensor (CIS)
SCAN RESOLUTION²	Hardware: Up to 1200 x 2400 dpi; Optical: Up to 1200 dpi; Enhanced Scanning Resolution: Up to 19,200 dpi
BIT DEPTH/GRAY SCALE	48-bit, 256 Gray scale levels
COPIER SETTINGS	Stand-alone copying
COPY RESOLUTION	Black Text and Graphics: Up to 600 optimized dpi (from 300 dpi input); Color Text and Graphics: Up to 1200 optimized dpi (from 600 dpi input)
COPY SPEED³	Black (normal): Up to 5 cpm; Color (normal): Up to 3 cpm
MAXIMUM NUMBER OF COPIES	Up to 30 copies
MAXIMUM/STANDARD MEMORY	64 MB
CUSTOM MEDIA SIZES	3 x 5 to 8.5 x 30 in
MEDIA TYPES SUPPORTED	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, the HP premium media, iron-on transfers, borderless media
MEDIA WEIGHTS SUPPORTED	US letter: 20 to 24 lb; Legal: 20 to 24 lb; Envelopes: 20 to 24 lb; Cards: up to 110 lb index maximum; Photo: up to 145 lb
MEDIA SIZES SUPPORTED	Letter, legal, executive, cards, 4 x 6 in
RECOMMENDED MEDIA WEIGHT	20 to 24 lb
PRINT COLORS MAXIMUM	4
PAPER HANDLING STANDARD/INPUT	80-sheet input tray; 15-sheet output tray; Input Capacities: Up to 80 sheets letter/legal, Up to 25 sheets legal, Up to 30 sheets photo paper, Up to 30 sheets 4 x 6 photos, Up to 30 sheet transparencies, Up to 40 cards, Up to 10 envelopes; Output Capacities: Up to 15 sheets letter/legal, Up to 10 sheets labels, Up to 10 sheets transparencies, Up to 10 sheets photo paper, Up to 15 cards, Up to 5 envelopes
VERTICAL ALIGNMENT ACCURACY	+/- 0.0002 in
DISPLAY	2.36" LCD (with TouchSmart Frame)
NUMBER OF PRINT CARTRIDGES	2 (1 black, 1 tri-color)
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, 1.2 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, 1.2 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, 500 MB hard disk space, Internet Explorer 6 or higher, CD-ROM/DVD drive or Internet connection, USB port; Mac: Mac OS X v 10.4, 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 90° F (15 to 32° C); Storage Temperature Range: -13 to 140° F (-25 to 60° C); Operating Temperature Range: 41 to 104° F (5 to 40° C); Operating Humidity Range: 5 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Non-Operating Humidity: 10 to 90% RH
ACOUSTICS	Acoustic Power Emissions: 6.9 B(A) (printing at 15 ppm, Fast Draft mode); Acoustic Power Emissions (active, copy or scan): 6.0 B(A) (copying at 2.8 ppm); Acoustic Pressure Emissions: 57 dB(A) (printing at 15 ppm)
POWER	Power Supply Type: External; Power Requirements: Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power Consumption, Active: 18.6 watts average, 6 watts standby, 2.6 watts powersave, 0.3 watts Off
PRODUCT DIMENSIONS	17.4 x 15.85 x 7.09 in (442 x 402.6 x 180 mm)
PRODUCT WEIGHT	13.35 lb (6.05 kg)
WHAT'S IN THE BOX	HP Photosmart e-All-in-One - D110a, HP 60 Black Ink Cartridge (~ 200 pages), HP 60 Tri-color Ink Cartridge (~ 160 pages), Software CD, Reference Guide, power supply, power cord, Reusable Tote, Accessory Bag
WARRANTY	With services, software, solutions and support from HP Total Care, you can use, protect and enjoy your HP Technology. Comes with one-year technical phone support; one-year limited hardware warranty and access to 24/7 award-winning support services through http://www.hp.com/support
REPLACEMENT INK CARTRIDGES	HP 60 Black Ink Cartridge (~ 200 pages) HP 60 Tri-color Ink Cartridge (~ 160 pages) HP 60XL Black Ink Cartridge (~ 600 pages) HP 60XL Tri-color Ink Cartridge (~ 430 pages)

ADDITIONAL INFORMATION

COUNTRY OF ORIGIN	Product of China
BUSINESS UNIT	IJ Printers
MATERIAL TYPE CODE	FERT
PALLET	Dimensions: 48 x 40 x 96.77 in Weight: 980 lb Layers: 7

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

HP PHOTOSMART e-All-in-One PRINTER Product Number: CN731A
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.