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 PC[1]

- 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 device[2]

- 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.

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 SPEED[1]	**Black:** Up to 29 ppm; **Color:** Up to 23 ppm; **4 x 6 Photos:** As fast as 70 sec
PRINT CAPABILTIES	**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 RESOLUTION[2]	**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 SPEED[3]	**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[4]	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

HP PHOTOSMART E-ALL-IN-ONE PRINTER   **Product Number: CN731A**
Product Identifier: D110a
ENERGY STAR® qualified models; see http://www.hp.com/go/energystar

[1]After first page; see http://www.hp.com/go/inkjetprinter for details. Print speed may vary depending on the type of output. [2]Maximum resolution may be limited by PC system factors and scan size. [3]Speed specifications have been updated to reflect current industry testing methods. [4]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