



# HP ENVY 7640 e-All-in-One Printer

HP's premium home e-all-in-one for printing low-cost, lab-quality photos, creative projects and laser-quality documents. Advanced mobile printing features make it easy to print from your smartphone, tablet, and connected PCs at home or on the go.<sup>1</sup>



**ISO speeds:** Up to 14 ppm black, Up to 9 ppm color  
**Scan resolution:** Up to 1200 x 1200 dpi hardware; 1200 dpi optical  
**Copy resolution:** 300 x 300 dpi black (text and graphics); 600 x 600 dpi color (text and graphics)  
**Display:** 3.5" (8.89 cm) Capacitive touchscreen color graphics  
**Standard connectivity:** 2 USB 2.0; 1 Wi-Fi 802.11b/g/n; 1 Ethernet; 1 RJ-11 (Fax)  
**Paper handling:** 125 sheet Main Input Tray, 15 sheet Photo Tray; 25-sheet output tray  
**Duty cycle:** Up to 1000 pages

## Advanced mobile and photo printing in three steps

- The easiest way to print from your smartphone or tablet—with or without a router or local wireless network.<sup>6</sup>
- Print 4 x 6, 5 x 7-in photos from your mobile device without switching paper using separate photo paper tray.
- Start printing quickly with easy setup from your smartphone, tablet, or PC.<sup>4</sup>
- Print from your iPhone®, iPad®, Android™ mobile devices, Amazon® Kindle Fire—and many more.<sup>1</sup>

## Save up to 50% on ink with HP Instant Ink.<sup>5</sup>

- Print high-quality documents and photos in black-and-white and color—all for the same low price.
- Print lab-quality color photos in seconds for pennies, when you sign up for HP Instant Ink.
- Getting started with HP Instant Ink is quick and easy – learn more at [hpinstantink.com](http://hpinstantink.com)
- HP high-yield ink cartridges offer an additional low-cost printing option for high-volume printing.<sup>7</sup>

## Versatile performance for all your home projects

- Create borderless, lab-quality photos, fulfilling creative projects, and standout documents with ease.
- Manage multiple pages quickly with the 25-page automatic document feeder and automatic two-sided printing.
- Walk up, edit, and print photos right from the 3.5-inch (8.89 cm) touchscreen.
- Easily connect to your local network and the Internet—wirelessly<sup>2</sup> or using the Ethernet port.



<sup>1</sup> Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP Web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See <http://www.hp.com/go/mobileprinting> for more details. <sup>2</sup> Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. <sup>3</sup> Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see <http://www.hp.com/go/nfcprinting>. <sup>4</sup> Requires HP All-in-One Printer Remote mobile app download and is compatible with iPhone® 4 and later; iPad® 4th generation, iPad mini™, iPad Air™, iPod®, and mobile devices using Android™ 4.0.3 or later. Printer and mobile device must be on the same local wireless network with Internet access. For a full list of supported operating systems, see <http://www.hp.com/go/mobileprinting>. <sup>5</sup> Savings claim is based on HP Instant Ink service plan price for 12 months using all pages in plan without purchase of additional pages compared with the cost per page (CPP) of the majority of color inkjet printers <\$399 USD, market share reported by IDC Q3 2013. CPP comparisons for standard capacity inkjet supplies are based on estimated street price and page yield as reported by Gap Intelligence MFP Weekly and IJP Weekly Reports Q3 2013. Actual savings may vary depending on number of pages actually printed per month and content of pages printed. Service requires Internet connection to printer, valid credit/debit card, email address, and delivery service in your geographic area. <sup>6</sup> Compared with consumer/home office inkjet printers and all-in-ones <\$399 USD as of April 2014. App download required for printer setup. Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with a service provider for coverage and availability in your area. See <http://www.hp.com/go/mobileprinting> for more details. <sup>7</sup> Based on Original HP 61 XL black and color ink cartridges. Not included; purchase separately. Less cost per page compared with estimated street price of standard-yield HP 61 ink cartridges. <sup>8</sup> Based on plan usage (without excessive printing), Internet connection to a compatible HP printer, valid credit/debit card, email address, and delivery service in your geographic location.

## HP ENVY 7640 e-All-in-One Printer Specifications Table

<b>Functions / Multitasking Supported</b>	Print, Fax, Scan, Copy, Web, Photo/ Yes
<b>Print Speed<sup>7</sup></b>	<b>Black (ISO):</b> Up to 14 ppm; <b>Color (ISO):</b> Up to 9 ppm <b>First Page Out Black:</b> As fast as 18 sec; <b>First Page Out Color:</b> As fast as 22 sec; <b>Black (Draft):</b> Up to 22 ppm; <b>Color (Draft):</b> Up to 21 ppm
<b>Print Resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 rendered dpi (when printing from a computer); <b>Color (best):</b> Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and Print in Max dpi)
<b>Print Technology</b>	HP Thermal Inkjet
<b>Print Cartridges Number</b>	2 (1 black, 1 Tri-color [cyan, magenta, yellow])
<b>Borderless Printing</b>	Yes (up to 8.5 x 11 in, 216 x 297 mm)
<b>Standard Print languages</b>	HP PCL 3 GUI
<b>Scan Type / Technology</b>	Flatbed/ CIS
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> 1200 dpi
<b>Scan File Format</b>	pdf, bmp, jpg, gif, tif, png
<b>Scan Input Modes</b>	Front panel or HP Solution Center desktop scanning to computer, SD card or E-mail
<b>Scan Size Maximum</b>	<b>ADF:</b> 8.5 x 14 in; <b>Flatbed:</b> 8.5 x 11.7 in
<b>Scan Speed</b>	15 seconds per scan
<b>Bit Depth / Grayscale levels</b>	24-bit/ 256
<b>Digital Sending Standard Features</b>	Scan to email [via printer control app]; From software: Scan to file; Scan to email
<b>Copy Speed<sup>4</sup></b>	<b>Black (ISO):</b> Up to 11 cpm; <b>Color (ISO):</b> Up to 5 cpm
<b>Copy Resolution</b>	<b>Black (text and graphics):</b> 300 x 300 dpi; 300 x 300 dpi; <b>Color (text and graphics):</b> 600 x 600 dpi
<b>Maximum Number Of Copies</b>	Up to 50 copies
<b>Copier Resize</b>	25 to 400%
<b>Copier Settings</b>	Number of Copies; 2-Sided; Draft; Black; Color; Quality; Resize; Lighter/Darker; Paper Size; Paper Type; Margin Shift; Enhancements; Set as New Defaults
<b>Fax Speed<sup>6</sup></b>	<b>Up to:</b> 33.6 kbps (fast), 14.4 kbps (medium), and 9.6 kbps (slow); <b>Letter:</b> 4 sec per page
<b>Fax Resolution</b>	<b>Black (best):</b> Up to 300 x 311 dpi; <b>Color (best):</b> 200 x 208 dpi; <b>Black (standard):</b> 98 x 208 dpi; <b>Color (standard):</b> 200 x 208 dpi
<b>Fax Features<sup>5</sup></b>	<b>Fax Memory:</b> Up to 100 pages in black and white; <b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Fax Delayed Sending:</b> Yes (black only); <b>Distinctive Ring Detection Supported:</b> Yes; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Phone TAM Interface Supported:</b> Yes; <b>Fax Polling Supported:</b> No; <b>Fax Telephone Mode Supported:</b> Yes; <b>Junk Barrier Supported:</b> Yes, requires Caller ID; <b>Maximum Speed Dialing Numbers:</b> Up to 120 numbers; <b>PC Interface Supported:</b> Yes, PC send and PC archive; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No
<b>Standard Connectivity</b>	2 USB 2.0; 1 Wi-Fi 802.11b/g/n; 1 Ethernet; 1 RJ-11 (Fax)
<b>Network Capabilities</b>	Yes, via built-in Ethernet, wireless 802.11b/g/n
<b>Network Ready</b>	Standard (built-in Ethernet, WiFi 802.11b/g/n)
<b>Wireless Capability</b>	Yes, built-in Ethernet, Wi-Fi 802.11b/g/n
<b>Mobile Printing Capability<sup>3</sup></b>	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing
<b>Memory</b>	<b>Standard:</b> 128 MB DDR3 Memory
<b>Processor Speed</b>	525 MHz
<b>Duty Cycle<sup>9</sup></b>	<b>Monthly, letter:</b> Up to 1000 pages
<b>Recommended Monthly Page Volume<sup>10</sup></b>	300 to 400
<b>Media Types Supported</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, the HP premium media, iron-on transfers, borderless media

<b>Media Weight Supported</b>	16 to 72 lb
<b>Media Sizes Supported</b>	Letter, legal, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes
<b>Media Sizes Custom</b>	3.85 x 8.5 to 5 x 14 in
<b>Paper Handling</b>	125 sheet Main Input Tray, 15 sheet Photo Tray; 25-sheet output tray; <b>Duplex Options:</b> Automatic; <b>Auto Document Feeder Capacity:</b> Standard, 25 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2 (Main and Photo Trays); <b>Input Capacities:</b> Up to 125 sheets standard; Up to 5 envelopes; Up to 40 sheets transparencies; Up to 40 cards; Up to 40 sheets labels; Up to 125 sheets legal; <b>Output Capacities:</b> Up to 25 sheets standard; Up to 5 envelopes; Up to 25 sheets transparencies; Up to 25 cards; Up to 10 sheets labels; Up to 10 sheets legal
<b>What's in the box</b>	<b>E4W43A</b> HP ENVY 7640 e-All-in-One Printer; HP 62 Setup Black Ink Cartridge (~200 pages); HP 62 Setup Tri-color Ink Cartridge (~120 pages); Software CD; Setup instructions; Power cord; Recycle envelope; Phone cord
<b>Replacement Cartridges</b>	HP 62 Black Ink Cartridge (~200 pages); HP 62 Tri-color Ink Cartridge (~165 pages); HP 62XL Black Ink Cartridge (~600 pages); HP 62XL Tri-color Ink Cartridge (~415 pages). [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. For details see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> ]
<b>Product Dimensions<sup>1</sup></b>	<b>W x D x H:</b> 17.87 x 16.14 x 7.60 in; <b>Maximum:</b> 17.87 x 19.80 x 7.60 in
<b>Product Weight</b>	16.91 lb
<b>Warranty Features</b>	One-year limited hardware warranty; For more info please visit us at <a href="http://support.hp.com">http://support.hp.com</a>
<b>Control Panel</b>	3.5" capacitive touch color graphics; WiFi LED; Cap Sense On button; NFC compatible
<b>Display Description</b>	3.5" (8.89 cm) Capacitive touchscreen color graphics
<b>Software Included</b>	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
<b>Compatible Operating Systems</b>	Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP SP3 or higher (32-bit only); Mac OS X Lion, OS X Mountain Lion, OS X Mavericks
<b>Minimum System Requirements</b>	<b>PC:</b> Windows 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available 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, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6.; <b>MAC:</b> OS X v10.7 Lion, OS X v10.8 Mountain Lion, OS X v10.9 Mavericks, 1 GB HD Internet, USB
<b>Power<sup>2</sup></b>	<b>Power Supply Type:</b> Built-in Universal Power Supply; <b>Power Requirements:</b> 100-240 V (+/-10%), 50/60 Hz (+/- 3 Hz); <b>Power Consumption:</b> 5.04 watts (Ready), 1.55 watts (Sleep), 0.25 watts (Off)
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.4 B(A) (printing at 6 PPM); <b>Acoustic Pressure Emissions:</b> 49 dB(A) (Print mono, simplex, normal mode, A4 paper)
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 41 to 104°F; <b>Recommended Operating Temperature:</b> 41 to 95°F; <b>Storage Temperature Range:</b> -40 to 140°F; <b>Non-Operating Humidity Range:</b> 10 to 90% RH (non condensing); <b>Operating Humidity Range:</b> 15 to 80% RH (non-condensing); <b>Recommended Humidity Operating Range:</b> 20 to 80% RH
<b>HP Service and Support Options</b>	U6M26E - HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange; U6M27E - HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange; U6M28E - HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange

Learn more at [hp.com](http://hp.com)

<sup>1</sup> Dimensions vary as per configuration. <sup>2</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. <sup>3</sup> Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see [hponconnected.com](http://hponconnected.com). HP ePrint requires: account registration, HP ePrint-enabled printer, Internet connection, and a wireless-enabled mobile device or Internet-connected computer with email capability. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. AirPrint supports OS X® Lion, OS X® Mountain Lion and the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later) and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows® is a trademark of the Microsoft group of companies. BlackBerry® names and logos are the property of Research In Motion Limited. Android is a trademark of Google Inc. <sup>4</sup> Speed specifications have been updated to reflect current industry testing methods. <sup>5</sup> 2 MB flash <sup>6</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. <sup>7</sup> Either after first page or after first set of ISO test pages. For details see <http://www.hp.com/go/printerclaims> <sup>8</sup> Either after first page or after first set of ISO test pages. For details see <http://www.hp.com/go/printerclaims> <sup>9</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>10</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement

