

HP ENVY 7640 e-All-in-One Printer



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



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

- The easiest way to print from your smartphone or tablet with or without a router or local wireless network.²
- 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.³
- Print from your iPhone®, iPad®, Android™-based mobile devices, Amazon® Kindle Fire—and many more.¹

Save up to 50% on ink with HP Instant Ink.⁵

- Print color documents and photos for the same ink cost as black text.
- 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
- HP high-yield ink cartridges offer an additional low cost printing options for high volume printing.

Achieve your creative potential for less

- 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 and documents right from the 3.5-inch (8.89cm) touchscreen.
- Easily connect to your local network and the Internet—wirelessly² or using the Ethernet port.



¹ 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. ² Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. ³ 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>. ⁴ 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 to 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. Requires internet connection to printer, valid credit/debit card, email address, and delivery service in your geographic area. ⁵ 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. ⁶ Mobile device requires wireless access point and an Internet connection. Compatible with iPhone® 4 and later, iPad® 4th generation, iPad mini™, iPad Air™, iPod® 5G using iOS 7 or later, and mobile devices using Android™ 4.0.3 or later. Features controlled may vary by mobile device operating system. Scan/copy control requires mobile device and printer to be on the same wireless network or through wireless direct connection to printer. For mobile scanning, device camera requires 5 megapixels or greater with autofocus capability.

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

Functions / Multitasking supported	Print, Fax, Scan, Copy, Web, Photo / Yes	Media Sizes Supported	Letter, legal, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes
Print Speed	Black (ISO): Up to 14 ppm; Color (ISO): Up to 9 ppm ¹ ; First Page Out Black: As fast as 18 sec; First Page Out Color: As fast as 22 sec; Black (Draft): Up to 22 ppm; Color (Draft): Up to 21 ppm	Media Sizes Custom	3 x 5 to 8.5 x 14 in
Print Resolution	Black (best): Up to 1200 x 1200 rendered dpi (when printing from a computer); Color (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and Print in Max dpi)	Paper Handling	125 sheet Main Input Tray, 15 sheet Photo Tray; 25-sheet output tray; Duplex Options: Automatic; Auto Document Feeder Capacity: Standard, 25 sheets; Envelope Feeder: No; Standard Paper Trays: 2 (Main and Photo Trays); Input Capacities: 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; Output Capacities: 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
Print Technology	HP Thermal Inkjet	What's in the box	E4W43A HP ENVY 7640 e-All-in-One Printer; HP 62 Black Ink Cartridge; HP 62 Tri-color Ink Cartridge; Software CD; Setup instructions; Power cord; Recycle envelope; Phone cord
Printer Drivers Included	HP PCL 3 GUI	Replacement Cartridges	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 http://www.hp.com/go/learnaboutsupplies] ⁸
Print Cartridges Number	2 (1 black, 1 Tri-color [cyan, magenta, yellow])	Product Dimensions	W x D x H: 17.87 x 16.14 x 7.60 in; Maximum: 17.87 x 19.80 x 7.60 in
Borderless Printing	Yes (up to 8.5 x 11 in, 216 x 297 mm)	Product Weight	16.91 lb
Standard Print languages	HP PCL 3 GUI	Warranty Features	One-year limited hardware warranty; 24-hour, 7 days a week limited phone support
Scan Type / Technology	Flatbed / CIS	Control Panel	3.5" capacitive touch color graphics; Wifi LED; Cap Sense On button; NFC compatible
Scan Resolution	Hardware: Up to 1200 x 1200 dpi; Optical: 1200 dpi	Display Description	3.5" (8.89 cm) Capacitive touchscreen color graphics
Scan File Format	pdf, bmp, jpg, gif, tif, tif, png	Software Included	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
Scan Input Modes	Front panel or HP Solution Center desktop scanning to computer, SD card or E-mail	Compatible Operating Systems	Windows XP SP3 or higher (32-bit only), Vista, 7, 8, 8.1; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks
Scan Size	ADF: 8.5 x 14 in Maximum; Flatbed: 8.5 x 11.7 in	Minimum System Requirements	PC: Windows 7, 8, 8.1: 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; MAC: OS X v10.7 Lion, OS X v10.8 Mountain Lion, OS X v10.9 Mavericks, 1 GB HD Internet, USB
Scan Speed	15 seconds per scan	Power	Power Supply Type: Built-in Universal Power Supply; Power Requirements: 100-240 V (+/-10%), 50/60 Hz (+/- 3 Hz) ⁷ ; Power Consumption: 5.04 watts (Ready), 1.55 watts (Sleep), 0.25 watts (Off)
Bit depth / Grayscale levels	24-bit / 256	Acoustics	Acoustic Power Emissions: 6.4 B(A) (printing at 6 PPM); Acoustic Pressure Emissions: 49 dB(A) (Print mono, simplex, normal mode, A4 paper)
Digital Sending Standard Features	Scan to email (via printer control app); From software: Scan to file; Scan to email	Operating Environment	Operating Temperature Range: 41 to 104°F; Recommended Operating Temperature: 41 to 95°F; Storage Temperature Range: -40 to 140°F; Non-Operating Humidity Range: 10 to 90% RH (non-condensing); Operating Humidity Range: 15 to 80% RH (non-condensing); Recommended Humidity Operating Range: 20 to 80% RH
Copy Speed	Black (ISO): Up to 11 cpm; Color (ISO): Up to 5 cpm ²	HP Service and Support Options	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
Copy Resolution	Black (text and graphics): 300 x 300 dpi; 300 x 300 dpi; Color (text and graphics): 600 x 600 dpi	Learn more at	hp.com
Maximum Number Of Copies	Up to 50 copies		
Copier Resize	25 to 400%		
Copier Settings	Number of Copies; 2-Sided; Draft; Black; Color; Quality; Resize; Lighter/Darker; Paper Size; Paper Type; Margin Shift; Enhancements; Set as New Defaults		
Fax Speed	Up to: 33.6 kbps (fast), 14.4 kbps (medium), and 9.6 kbps (slow); Letter: 4 sec per page ³		
Fax Resolution	Black (best): Up to 300 x 311 dpi; Color (best): 200 x 208 dpi; Black (standard): 98 x 208 dpi; Color (standard): 200 x 208 dpi		
Fax Features	Fax Memory: Up to 100 pages in black and white; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: Yes (black only); Distinctive Ring Detection Supported: Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes, requires Caller ID; Maximum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes, PC send and PC archive; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No		
Standard Connectivity	2 USB 2.0; 1 Wi-Fi 802.11b/g/n; 1 Ethernet; 1 RJ-11 (Fax)		
Network Ready	Standard (built-in Ethernet, WiFi 802.11b/g/n)		
Wireless Capability	Yes		
Mobile Printing Capability	Features Wi-Fi Direct and local Wi-Fi connectivity to enable mobile printing via HP ePrint, Apple AirPrint™ as well as other solutions. Supports printing from most smartphones and tablets using these operating systems: Android, iOS, Blackberry, Windows 8, Windows RT. ⁴		
Memory	Standard: 128 MB DDR3 Memory		
Processor Speed	525 MHz		
Duty Cycle	Monthly, letter: Up to 1000 pages ⁵		
Recommended Monthly Page Volume	300 to 400 ⁶		
Media Types Supported	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, the HP premium media, iron-on transfers, borderless media		
Media Weight Supported	16 to 72 lb		

¹ Either after first page or after first set of ISO test pages. For details see <http://www.hp.com/go/printerclaims>. Either after first page or after first set of ISO test pages. For details see <http://www.hp.com/go/printerclaims>. ² Speed specifications have been updated to reflect current industry testing methods. ³ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁴ 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 hpconnected.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. ⁵ 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. ⁶ 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. ⁷ 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.

