

# HP ENVY 7643 All-in-One Printer



HP's premium home 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; Up to 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>2</sup>
- Print 4 x 6 and 5 x 7-inch photos from mobile devices without switching paper, with the 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>6</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>5</sup>

## Achieve your creative potential for less

- Walk up, edit, and print photos right from the 3.5-inch (8.89 cm) touchscreen.
- Print photos and documents for less with Original HP high-yield ink cartridges.<sup>5</sup>
- Manage this HP e-all-in-one and scan on the go with the free HP All-in-One Printer Remote mobile app.<sup>7</sup>

<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> Based on HP 62XL High Yield Black Original Ink Cartridges and HP 62XL High Yield Tri-color Original Ink Cartridges. High-yield ink cartridges not included; purchase separately. For more information, see <http://www.hp.com/go/learnaboutsupplies>. Less cost per page compared with estimated street price and published page yield of standard-yield HP 62 ink cartridges. Actual pricing may vary. <sup>6</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 to the cost per page ("CPP") of the majority of color inkjet printers <\$399 USD, market share reported by IDC Q2 2014. CPP comparisons for standard-capacity inkjet supplies are based on estimated street price and page yield as reported by Gap Intelligence MFP Weekly and JWP Weekly Reports 9/20/2014. Actual savings may vary depending on number of pages actually printed per month and content of pages printed. <sup>7</sup> 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. <sup>8</sup> Compared with consumer/home office inkjet printers and all-in-ones < \$399 USD [ $< €399$  excluding VAT] 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.

## HP ENVY 7643 All-in-OnePrinter Specifications Table

<b>Functions / Multitasking Supported</b>	Print, Fax, Scan, Copy, Web, Photo/ Yes	<b>What's in the box</b>	<b>E4W45A</b> HP ENVY 7643 All-in-One Printer; HP 62 Black Instant Ink Cartridge (~200 pages); HP 62 Setup Tri-color Instant Ink Cartridges (~120 pages); Ink Caution Flyer; Power Cord; Phone Cord
<b>Print Speed</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>Color (Draft):</b> Up to 21 ppm	<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>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>Instant ink eligible</b>	HP Instant Ink eligible* / Save up to 50% on ink. For more information visit <a href="http://www.hpinstantink.com">http://www.hpinstantink.com</a>
<b>Print Technology</b>	HP Thermal Inkjet	<b>Product Dimensions</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>Print Cartridges Number</b>	2 (1 black, 1 Tri-color [cyan, magenta, yellow])	<b>Product Weight</b>	16.91 lb
<b>Borderless Printing</b>	Yes (up to 8.5 x 11 in, 216 x 297 mm)	<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>Standard Print languages</b>	HP PCL 3 GUI	<b>Control Panel</b>	3.5" capacitive touch color graphics; WiFi LED; Cap Sense On button; NFC compatible
<b>Scan Type / Technology</b>	Flatbed/ CIS	<b>Display Description</b>	3.5" (8.89 cm) Capacitive touchscreen color graphics
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> 1200 dpi	<b>Software Included</b>	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
<b>Scan File Format</b>	pdf, bmp, jpg, gif, tif, tif, png	<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>Scan Input Modes</b>	Front panel or HP Solution Center desktop scanning to computer; SD card or E-mail	<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>Scan Size Maximum</b>	<b>ADF:</b> 8.5 x 14 in; <b>Flatbed:</b> 8.5 x 11.7 in	<b>Power</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>Scan Speed</b>	15 seconds per scan	<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>Bit Depth / Grayscale levels</b>	24-bit/ 256	<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 41 to 104°F; <b>Recommended Operating Temperature Range:</b> 59 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>Digital Sending Standard Features</b>	Scan to email [via printer control app]; From software: Scan to file; Scan to email	<b>HP Service and Support Options</b>	UGM29E - HP 2 year Care Pack Business Priority Support with Next business day Exchange for Printers; UGM30E - HP 3 year Care Pack Business Priority Support with Next business day Exchange for Printers; UGM31E - HP 4 year Care Pack Business Priority Support with Next business day Exchange for Printers; UG605A - HP 2 year Care Pack w/Next Day Exchange for Printers; UG608A - HP 3 year Care Pack w/Next Day Exchange for Printers; UG605E - HP 2 year Care Pack w/Next Day Exchange for Printers; UG608E - HP 3 year Care Pack w/Next Day Exchange for Printers
<b>Copy Speed</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</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</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</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</b>	<b>Monthly, letter:</b> Up to 1000 pages		
<b>Recommended Monthly Page Volume</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		

### Learn more at

[hp.com](http://hp.com)

1 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 Q2 2014. 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 9/20/2014. Actual savings may vary depending on number of pages actually printed per month and content of pages printed.

© Copyright 2017 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Windows is a registered trademark of Microsoft Corporation. AirPrint, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

