

HP ENVY 7640 e-All-in-One Printer



Fully equipped for all your printing needs and creative projects

Get 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 PCs at home or on-the-go.¹



Experience advanced mobile and photo printing.

- Enjoy the easiest way to print from your smartphone or tablet with or without a router or local wireless network.^{2,3,4}
- Print 10 x 15 cm/13 x 18 cm 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.⁵
- Print from your iPhone®, iPad®, Android™-based mobile devices, Amazon® Kindle Fire and many more.¹

Enjoy versatile performance for all your home projects.

- Create borderless, lab-quality photos, fulfilling creative projects and standout documents with ease.
- Quickly copy, scan and fax multipage documents hands-free with the 25-page automatic document feeder.
- Easily connect to your local network and the Internet – wirelessly² or using the Ethernet port.

Achieve your creative potential for less.

- Walk up, edit and print photos and documents right from the 8.89 cm (3.5-inch) touchscreen.
- Print photos and documents for less with Original HP high-yield ink cartridges.⁶
- Access colouring pages, recipes, coupons and more with free HP Printables – delivered on your schedule.⁷
- Manage this HP e-all-in-one and scan on the go with the free HP All-in-One Printer Remote mobile app.⁸

Reduce your impact.

- Save energy with this ENERGY STAR® qualified e-all-in-one.
- Save paper and conserve resources – consume up to 50% less paper with automatic two-sided printing.
- Count on easy, free cartridge recycling through HP Planet Partners.⁹

Print speed: Up to 14 ppm black ISO(A4); Up to 9 ppm colour ISO (A4)

Paper Handling: Up to 125 sheets input tray, up to 15 sheets photo paper tray, 25 page ADF, automatic 2 sided printing

Connectivity: 2 Hi-Speed USB 2.0; Fast Ethernet 10/100Base-TX; Wi-Fi 802.11b/g/n; NFC



Auto Photo Tray



NFC



2-Sided Printing



25-Page ADF



8.8 cm (3.5 inch) touchscreen



Print with or without a router

Technical specifications

Print technology	HP Thermal Inkjet
Functions	Print, fax, scan, copy, web, photo
Print speed	Up to 14 ppm ISO black (A4); Up to 9 ppm ISO colour (A4)
Standard connectivity	2 Hi-Speed USB 2.0; Fast Ethernet 10/100Base-TX; Wi-Fi 802.11b/g/n; RJ-11 fax; NFC
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; NFC compatible. Supports printing from most smartphones and tablets using these operating systems: Android, iOS, Blackberry, Windows 8, Windows RT.
Media Handling	Input capacity: Up to 125 sheets; Up to 40 cards cards; Up to 15 sheets photo paper Output capacity: Maximum: Up to 25 sheets Duplex printing: Automatic
Monthly duty cycle	Up to 1,000 pages (A4); Recommended monthly page volume: 300 to 400
Print languages	HP PCL 3 GUI
Print capabilities	Borderless printing: Yes (up to 216 x 297 mm), Memory card slot
Print Area	Print margins: Top: 3 mm; Bottom: 3 mm; Left: 3 mm; Right: 3 mm; Maximum print area: 209.9 x 349.6 mm
Print resolution	Up to 1200 x 1200 rendered dpi (when printing from a computer) black; Up to 4800 x 1200 optimised dpi colour (when printing from a computer on selected HP photo papers and print in maximum dpi) colour
Memory	128 MB DDR3
Auto document feeder capacity	Standard, 25 sheets
Copier settings	2-sided; ; Maximum number of copies: Up to 50 copies; Copy resolution: 300 x 300 dpi; Copier resize: 25 to 400%
Copy speed	Up to 11 cpm black ISO (A4), Up to 5 cpm colour ISO (A4)
Scanner specifications	Scanner type: Flatbed; Scan technology: CIS; Scan input modes: Front panel or HP Solution Center desktop scanning to computer, SD card or email; Twain version: Version 1.9; Scan size maximum (flatbed, ADF): 216 x 297 mm; Optical scan resolution: 1200 dpi
Scan speed	15 seconds per scan; Not Supported; duplex: Not Supported
Bit depth/ Greyscale levels	24-bit/ 256
Scannable area	Maximum media size: 216 x 297 mm; Maximum media size: 216 x 356 mm ADF
Digital sending	Standard: Via printer control app: scan to email; From software: scan to file, scan to email
Scan file format	PDF, BMP, JPG, GIF, TIF, PNG
Fax	Yes, colour
Fax specifications	Fax memory: Up to 100 pages in black and white; Fax resolution: Standard: 98 x 208 dpi; Fine: 196 x 208 dpi; Quick dialing: Up to 120 numbers
Paper weight	Tray 1: A4: 75 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP Photo Paper: up to 250 g/m²; HP 10 x 15 cm photo paper: up to 250 g/m²
Media types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, the HP premium media, iron-on transfers, borderless media
Media sizes	A4; A5; B5; DL; C6; A6; Custom: 76 x 127 to 216 x 356 mm

What's in the box	E4W47A HP ENVY 7640 e-All-in-One Printer; HP 62 Black Ink Cartridge; HP 62 Tri-colour Ink Cartridge; Software CD; Setup instructions; Power cord; Phone cord; Recycle envelope
Supplies	C2P04AE HP 62 Black Original Ink Cartridge ~200 pages C2P05AE HP 62XL High Yield Black Original Ink Cartridge ~600 pages C2P06AE HP 62 Tri-color Original Ink Cartridge ~165 pages C2P07AE HP 62XL High Yield Tri-color Original Ink Cartridge ~415 pages J3M80AE HP 62 2-pack Black/Tri-color Original Ink Cartridges Q5456A HP Advanced Glossy Photo Paper-25 sht/A4/210 x 297 mm Q8008A HP Advanced Glossy Photo Paper-60 sht/10 x 15 cm borderless Approximate yield. Actual yield depends on printer and specific use. See http://www.hp.com/go/pageyield for more information.
Compatible operating systems	Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks
Minimum system requirements	Windows: Windows 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 Mac: OS X v10.7 Lion, OS X v10.8 Mountain Lion, OS X v10.9 Mavericks, 1 GB available hard disk space, Internet, USB
Display	8.89 cm capacitive touchscreen, colour graphics
Software included	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
Printer dimensions (W x D x H)	454 x 410 x 193 mm
Package dimensions (W x D x H)	497 x 247 x 491 mm
Printer Weight	7.67 kg
Package weight	9.156 kg
Operating environment	Temperature: 5 to 40°C, Humidity: 20 to 80% RH
Storage	Temperature: -40 to 60°C, Humidity: 10 to 90% RH (non-condensing)
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)
Power	Requirements: Input voltage: 100 to 240 VAC (+/-10%), 50/60 Hz (+/- 3 Hz) Consumption: 5.04 watts (ready), 1.55 watts (sleep), 0.25 watts (off)
Certifications	CISPR 22: 2008/EN 55022: 2010 (Class B), CISPR24: 2010/EN 55024: 2010, EN 301 489-1 v1.9.2: 2011, EN 301 489-17 v2.2.1: 2012, EN 61000-3-2: 2006 +A1:2009 +A2:2009, EN 61000-3-3: 2008, EMC Directive 2004/108/EC with CE Marking (Europe) Energy Star Qualified: Yes
Country of origin	Made in Thailand
Warranty	One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.
Service and support	UG064E HP 3 year Care Pack w/Next Day Exchange for Multifunction Printers UG189E HP 3 year Care Pack w/Standard Exchange for Multifunction Printers (UG064E: only Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, UG189E: all EMEA)

¹Local 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.

²Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.

³Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see <http://www.hp.com/go/nfcprinting>.

⁴Compared with consumer/home office inkjet printers and all-in-ones < €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.

⁵Requires 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>.

⁶Based on HP 62XL High Yield Black Original Ink Cartridges and HP 62XL High Yield Tri-colour 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.

⁷Requires a wireless access point and an Internet connection to the printer. Services require registration. HP Printable availability varies by country, language and agreements and may require a firmware upgrade. Not all HP Printables can be set up for automatic delivery and not for all printer models. For details, visit <http://www.hp.com/go/hpconnected/help/printables>.

⁸Mobile 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 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.

⁹Program availability varies. Original HP 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>.



<http://www.hp.com/uk>

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