

HP ENVY 5640 e-All-in-One Printer



Your family's new creative outlet

Get versatile printing for your family. Easily create lab-quality photos and laser-quality text on the go – right from your smartphones and tablets. This e-all-in-one is designed to help you be creative and stay productive – at a great value.



Highlights

- **Print speed:** Up to 12 ppm black ISO (A4); Up to 8 ppm colour ISO (A4)
- **Paper Handling:** 125-sheet main input tray, 15-sheet photo tray input; 25-sheet output tray
- **Connectivity:** 1 Hi-Speed USB 2.0; Wi-Fi 802.11b/g/n

Enjoy printing as connected as you are.

- Enjoy the easiest way to print from your smartphone or tablet – with or without a router or local wireless network.²
- Easily connect this e-all-in-one to your local network and the Internet, wirelessly³ – right from your PC.
- Start printing quickly with easy setup from your smartphone, tablet or PC.⁴
- Print from your iPhone®, iPad®, Android™ mobile devices, Amazon® Kindle Fire – and many more.¹

Step up and create.

- Print borderless, lab-quality photos that dazzle and sharp documents with laser-quality text.
- Print 10 x 15 cm photos from your mobile device without switching paper, using the separate photo paper tray.
- Walk up, edit and print right from the 6.75 cm (2.65-inch) touchscreen.

Creativity is priceless. Now it's affordable.

- Print more for less with Original HP high-yield ink cartridges that are full of value.⁵
- Access colouring pages, recipes, coupons and more with free HP Printables – delivered on your schedule.⁶
- Manage this HP e-all-in-one and scan on the go with the free HP All-in-One Printer Remote mobile app.⁷

Reduce your impact.

- Save paper and conserve resources – consume up to 50% less paper with automatic two-sided printing.
- Save energy with an e-all-in-one that's ENERGY STAR® qualified.
- Reduce your environmental impact – easily recycle your Original HP Ink Cartridges for free.⁸



2-sided printing



Auto engage photo tray



Memory card slot



HP Mobile Printing



6.75 cm Colour touchscreen



Print with or without router

Technical specifications

Functions	Print, scan, copy, web, photo
Print speed	Up to 12 ppm ISO black (A4); Up to 8 ppm ISO colour (A4)
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 with 1200 input DPI) on selected HP photo papers and print in maximum DPI colour
Print technology	HP Thermal Inkjet
Print Area	Print margins: Top: 3 mm; Bottom: 3 mm; Left: 3 mm; Right: 3mm; Maximum print area: 209.9 x 349.6 mm
Print languages	HP PCL 3 GUI
Print capabilities	Borderless printing: Yes (up to 216 x 297 mm)
Print cartridges number	2 (1 each black, tri-colour)
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. Mopria-certified. Supports printing from most smartphones and tablets using these operating systems: Android, iOS, Blackberry, Windows 8, Windows RT and Windows 10 Mobile.
Monthly duty cycle	Up to 1,000 pages (A4); Recommended monthly page volume: 300 to 400
Automatic paper sensor	No
Processor speed	525 MHz
Display	6.75 cm touchscreen CGD (Colour Graphics Display)
Multitasking supported	Yes
Wireless Capability	Yes
Connectivity	Standard 1 Hi-Speed USB 2.0; Wi-Fi 802.11b/g/n
Web solutions	HP Printables: variety of printable content available via a schedule or on demand; Scan to email
Memory	Standard 128 MB DDR3
Memory card compatibility	Secure Digital
Copier settings	2-sided; Maximum number of copies: Up to 20 copies; Copy resolution: 300 x 300 dpi; Copy resolution, color text and graphics: 600 x 600 dpi; Copier resize: 50 to 200%
Copy speed	Up to 10 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 file format	PDF, BMP, JPG, GIF, TIF, PNG
Scan speed	15 seconds per scan (A4); Duplex: Not Supported
Scannable area	Maximum media size: 216 x 297 mm
Bit depth/ Greyscale levels	24-bit/ 256
Digital sending	Standard: Via printer control app: scan to email; From software: scan to file, scan to email
Fax	No
Media types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, the HP premium media, iron-on transfers, borderless media
Media sizes	Supported A4; A5; B5; DL; C6; A6; Custom: 97.79 x 215 to 127 x 355 mm
Media Handling	Input capacity: Up to 125 sheets; Up to 40 cards cards; 15 sheets photo paper Output capacity: Up to 25 sheets, Up to 5 envelopes Maximum: Up to 25 sheets Duplex printing: Automatic
Paper weight	Supported: Tray 1: A4; 75 to 90 g/m ² ; HP envelopes: 75 to 90 g/m ² ; HP Photo Paper: up to 250 g/m ² ; HP 10 x 15 cm photo paper: up to 250 g/m ² ; Recommended: 70 to 90 g/m ²

What's in the box	B9559A: HP ENVY 5640 e-All-in-One; HP 62 Black Ink Cartridge; HP 62 Tri-colour Ink Cartridge; Software CD; Setup instructions; Power cord; (For ink volume and page yield information, visit http://www.hp.com/go/learnaboutsupplies)
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-colour Original Ink Cartridge ~165 pages C2P07AE HP 62XL High Yield Tri-colour Original Ink Cartridge ~415 pages CHP210 HP Printing Paper-500 sht/A4/210 x 297 mm J3M80AE HP 62 2-pack Black/Tri-colour 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 10, Windows 8.1, Windows 8, Windows 7, Windows Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks
Minimum system requirements	Windows: 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 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
Software included	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
Printer dimensions (W x D x H)	Minimum: 454 x 410 x 161 mm; Maximum: 454 x 503 x 161 mm
Package dimensions (W x D x H)	497 x 205 x 491 mm
Printer Weight	6.82 kg
Package weight	8.211 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: 13.95 watts (printing), 3.60 watts (ready), 0.93 watts (sleep), 0.20 watts (off) Power supply type: Built-in Universal Power Supply
Certifications	CISPR 22:2008/EN 55022:2010 (Class B), CISPR 24:2010/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	UG062E HP 3 year Care Pack w/Next Day Exchange for Multifunction Printers UG187E HP 3 year Care Pack w/Standard Exchange for Multifunction Printers (UG062E: only Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UG187E: all EMEA countries)

Footnotes

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.; ²Compared 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.; ³Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.; ⁴Requires 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>; ⁵Based 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.; ⁶Requires 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>; ⁷Mobile 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.; ⁸Program 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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