

# 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<sup>1</sup> – 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.



### 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.<sup>2</sup>
- Easily connect this e-all-in-one to your local network and the Internet, wirelessly<sup>3</sup> – right from your PC.
- Start printing quickly with easy setup from your smartphone, tablet or PC.<sup>4</sup>
- Print from your iPhone®, iPad®, Android™-based mobile devices, Amazon® Kindle Fire – and many more.<sup>1</sup>

### 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 (2.66-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.<sup>5</sup>
- Access colouring pages, recipes, coupons and more with free HP Printables – delivered on your schedule.<sup>6</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>

### 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.<sup>8</sup>

**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



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

<b>Print technology</b>	HP Thermal Inkjet
<b>Functions</b>	Print, scan, copy, web, photo
<b>Print speed</b>	Up to 12 ppm ISO black (A4); Up to 8 ppm ISO colour (A4) Up to 12 ppm black ISO; Up to 8 ppm colour ISO
<b>Standard connectivity</b>	1 Hi-Speed USB 2.0; Wi-Fi 802.11b/g/n
<b>Wireless Capability</b>	Yes
<b>Mobile printing capability</b>	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.
<b>Media Handling</b>	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
<b>Monthly duty cycle</b>	Up to 1,000 pages (A4); Recommended monthly page volume: 300 to 400
<b>Print languages</b>	HP PCL 3 GUI
<b>Print capabilities</b>	Borderless printing: Yes (up to 216 x 297 mm)
<b>Print Area</b>	Print margins: Top: 3 mm; Bottom: 3 mm; Left: 3 mm; Right: 3mm; Maximum print area: 209.9 x 349.6 mm
<b>Print resolution</b>	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
<b>Memory</b>	128 MB DDR3
<b>Copier settings</b>	2-sided; ; Maximum number of copies: Up to 20 copies; Copy resolution: 300 x 300 dpi; Copier resize: 50 to 200%
<b>Copy speed</b>	Up to 10 cpm black ISO (A4), Up to 5 cpm colour ISO (A4)
<b>Scanner specifications</b>	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
<b>Scan speed</b>	15 seconds per scan; Not Supported; duplex: Not Supported
<b>Bit depth/ Greyscale levels</b>	24-bit/ 256
<b>Scannable area</b>	Maximum media size: 216 x 297 mm
<b>Digital sending</b>	Standard: Via printer control app: scan to email; From software: scan to file, scan to email
<b>Scan file format</b>	PDF, BMP, JPG, GIF, TIF, PNG
<b>Fax</b>	No
<b>Paper weight</b>	Tray 1: A4: 75 to 90 g/m <sup>2</sup> ; HP envelopes: 75 to 90 g/m <sup>2</sup> ; HP Photo Paper: up to 250 g/m <sup>2</sup> ; HP 10 x 15 cm photo paper: up to 250 g/m <sup>2</sup>
<b>Media types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, the HP premium media, iron-on transfers, borderless media
<b>Media sizes</b>	A4; A5; B5; DL; C6; A6; Custom: 76 x 127 to 216 x 356 mm

<b>What's in the box</b>	<b>B9559A</b> 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 <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a>
<b>Supplies</b>	<b>C2P04AE</b> HP 62 Black Original Ink Cartridge ~200 pages <b>C2P05AE</b> HP 62XL High Yield Black Original Ink Cartridge ~600 pages <b>C2P06AE</b> HP 62 Tri-color Original Ink Cartridge ~165 pages <b>C2P07AE</b> HP 62XL High Yield Tri-color Original Ink Cartridge ~415 pages <b>CHP210</b> HP Printing Paper-500 sht/A4/210 x 297 mm <b>J3M80AE</b> HP 62 2-pack Black/Tri-color Original Ink Cartridges <b>Q5456A</b> HP Advanced Glossy Photo Paper-25 sht/A4/210 x 297 mm <b>Q8008A</b> HP Advanced Glossy Photo Paper-60 sht/10 x 15 cm borderless Approximate yield. Actual yield depends on printer and specific use. See <a href="http://www.hp.com/go/pageyield">http://www.hp.com/go/pageyield</a> for more information.
<b>Compatible operating systems</b>	Windows 8.1, 8, 7, Vista; Mac OS X Lion, OS X Mountain Lion, OS X Mavericks
<b>Minimum system requirements</b>	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
<b>Display</b>	6.75 cm touchscreen CGD (Colour Graphics Display)
<b>Software included</b>	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
<b>Printer dimensions (W x D x H)</b>	454 x 410 x 161 mm
<b>Package dimensions (W x D x H)</b>	497 x 205 x 491 mm
<b>Printer Weight</b>	6.82 kg
<b>Package weight</b>	8.211 kg
<b>Operating environment</b>	Temperature: 5 to 40°C, Humidity: 20 to 80% RH
<b>Storage</b>	Temperature: -40 to 60°C, Humidity: 10 to 90% RH (non condensing)
<b>Acoustics</b>	Acoustic power emissions: 6.4 B(A) (printing at 6 PPM); Acoustic pressure emissions: 49 dB(A) (Print mono, simplex, normal mode, A4 paper)
<b>Power</b>	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)
<b>Certifications</b>	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
<b>Country of origin</b>	Made in Thailand
<b>Warranty</b>	One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.
<b>Service and support</b>	<b>UG062E</b> HP 3 year Care Pack w/Next Day Exchange for Multifunction Printers <b>UG187E</b> 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)

<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>Compared 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.

<sup>3</sup>Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.

<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-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.

<sup>6</sup>Requires 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/printablesgs>.

<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 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>Program 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>.

<sup>9</sup>Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language and agreements and requires a firmware upgrade. For details, visit <http://www.hp.com/go/eprintcenter>.



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

The product could differ from the images shown. © Copyright 2014 Hewlett-Packard 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.

4AA5-3931EEE, September 2014

