

HP ENVY 6420e All-in-One Printer



Keeping families productive



Print, scan, copy and get a 35-page auto document feeder. Set up and connect on any device,¹ and get self-healing Wi-Fi®.² Choose HP+ and get the smart printing system that keeps you connected and ready to print from virtually anywhere¹

This is an HP+ enabled printer. Choose HP+ at product setup to activate benefits. HP+ requires an HP account, ongoing connection to the internet, and exclusive use of Original HP Ink cartridges for the life of the printer. More at: <http://www.hp.com/plus-faq>

This printer is intended to work only with cartridges that have new or reused HP electronic circuitry, and it uses dynamic security measures to block cartridges using modified or non-HP circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP electronic circuitry enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>



Time saving



Auto wireless connect



Ink



HP AIO Remote

Loaded with everything. Except complications.

- Work fast and hands-free—the 35-page auto-feeder helps you complete scan and copy jobs quickly.
- Setup is a breeze – use any device to get started in a few easy steps with HP Smart app.¹
- Get quick and easy printing directly at the smart control panel – buttons appear only when needed.
- Save time and paper when printing everyday and business documents with automatic two-sided printing.

Get everyone connected. Just like that.

- Self-healing Wi-Fi™ automatically detects and resolves connectivity issues to help reduce interruptions.²
- Get connected with Bluetooth® and start printing fast from your smartphone or tablet – easy setup.⁶
- Easily print, scan, and copy everyday documents from your smartphone, using HP Smart app.¹

Never run out of ink with Instant Ink⁸

- Never run out of ink.⁸ Convenient ink cartridge replacements and smart delivery included.
- Save up to 50% with Instant Ink.¹¹ Enroll to get ink, delivery and recycling starting at \$1.99 a month.
- Peace of mind with plan flexibility to change or cancel anytime at no cost.¹⁰
- Help us put plastic back into printers with prepaid recycling service included.¹⁴

HP+: Smart printing has arrived

- A cloud-connected HP+ printer is smarter - it keeps itself up to date and ready to print.³
- First 6 months of Instant Ink included⁷; after 6 months, monthly fee charged automatically unless cancelled.
- Print and scan from the palm of your hand. Enjoy advanced productivity features for 2 years with HP+.¹
- Putting the planet first with Forest First prints¹³

Technical specifications

Functions	Print, copy, scan, send mobile fax
Print technology	HP Thermal Inkjet
Print speed	Black (A4, ISO): Up to 10 ppm; Colour (A4, ISO): Up to 7 ppm; Draft black (A4): Up to 20 ppm; Draft colour (A4): Up to 17 ppm
First page out	Black (A4, ready): As fast as 18 sec; Colour (A4, ready): As fast as 21 sec;
Print resolution	Black (best): Up to 1200x 1200 rendered dpi (when Printing from a computer); Colour (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi);
Monthly duty cycle	Up to 1000 pages A4; Recommended monthly page volume: 100 to 400
Standard print languages	HP PCL 3 GUI
Print area	Print margins: Top: 3 mm, Bottom: 3 mm, Left: 3 mm, Right: 3 mm;
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)
Number of supplies	2 (1 each black, tri-color)
Multitasking supported	No
Duplex printing	Automatic (standard)
Copy speed	Black (A4, ISO): Up to 8 cpm; Colour (A4, ISO): Up to 4 cpm
Copier specifications	Color, mono; Maximum number of copies: Up to 9 copies; Copy resolution: Up to 300 x 300 dpi; Reduce/Enlarge: Via HP Smart app
Scan speed	Normal (A4): Up to 2.8 ipm (200ppi, b&w); up to 2.8 ipm (200ppi, color);
Scan file format	JPEG, TIFF, PDF, BMP, PNG
Scanner specifications	Scanner type: Flatbed, ADF; Scan input modes: Mobile, HP Scan Software, HP Smart; Twain version: Version 2.1; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 1200 dpi
Scannable area	Maximum media size (flatbed): 216 x 297 mm; Maximum media size (ADF): 215.9 x 297 mm
Bit depth/ Grey scale levels	24-bit / 256
Fax	Yes, mobile fax (send only),
Fax smart software features	Option to add files from your phone file/photos, Camera scan or Printer scanner, Option to easily add cover page and save the cover page template, Access to Fax history to see all send faxes and drafts, Ability to edit and resent fax from History, Easily print fax confirmation
Processor speed	800 MHz
Connectivity	Standard: 1 Hi-Speed USB 2.0; 1 Wi-Fi 802.11ac (dual band) with Bluetooth® 4.2;
Wireless	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	Apple AirPrint™; Chrome OS; HP Smart app; Mopria-certified
Network capabilities	Yes, built-in Wi-Fi 802.11b/g/n with Bluetooth® 4.2
Memory	Standard: 256 MB DDR3; Maximum: 256 MB DDR3
Number of paper trays	Standard: 1; Maximum: 1
Media types	Plain Paper; HP Photo Papers; HP Matte Brochure or Professional Paper; HP Matte Presentation Paper; HP Glossy Brochure or Professional Paper; Other Photo Inkjet Papers; Other Matte Inkjet Papers; Other Glossy Inkjet Papers; Plain Paper; Light/Recycled
Media size	Custom (metric): Simplex: 76.2 x 127 mm to 216 x 594 mm; Duplex: 76.2 x 127 mm to 216 x 594 mm Supported (metric): A4; A5; B5; DL; C6; A6
Input capacity	Standard: Up to 100 sheets Maximum: Up to 100 sheets ADF: Standard, 35 Sheets
Output capacity	Standard: Up to 25 sheets Envelopes: Up to 5 envelopes Maximum: Up to 25 sheets

Compatible operating systems	Windows 10, 7, macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur, Chrome OS
Minimum system requirements	Windows: Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer. Mac: macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Software included	HP Printer Software, available online
Printer dimensions (W x D x H)	Minimum: 432.5 x 361.1 x 174 mm; Maximum: 432.5 x 511.5 x 194 mm;
Package dimensions (W x D x H)	474 x 218 x 408 mm
Printer weight	6.16 kg
Package weight	7.55 kg
Operating environment	Temperature: 5 to 40°C Humidity: 20 to 80% RH (non-condensing)
Storage conditions	Temperature: -40 to 60°C Humidity: 20 to 80% RH (non-condensing)
Acoustics	Acoustic power emissions: 6.5 B(A) (printing at 5 ppm)
Power	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz, 0.7A. Input voltage: 200 to 240 VAC (+/- 10%), 50/60Hz (+/- 3Hz), 0.4A (China & India); Consumption: 4.0 Watts (Ready); 1.70 Watts (Sleep); 0.15 Watts (Off); 0.15 Watts (Auto-off); Typical Electricity Consumption (TEC): 0.31 kWh/Week; Power supply type: Built-in Universal Power Supply;
Certifications	CISPR 32:2012 / EN 55032:2012 Class B CISPR 32:2015 / EN 55032:2015 Class B CISPR 24:2010 / EN 55024:2010 CISPR 35:2016 / EN 55035:2017 FCC CFR 47 Part 15 Class B ICES-003, Issue 6 VCCI-CISPR 32:2016 EN 301 489-1 V2.1.1:2017 EN 301 489-1 V3.1.1:2017 EPEAT® Silver
Sustainable impact specifications	The HP Envy 6400 All-in-One series is made from recycled printers and other electronics—more than 20% by weight of plastic. Save paper by up to 50% using automatic two-sided printing. Original HP cartridges have been engineered to use recycled plastic and help meet HP's demanding standards for quality and reliability.
Country of origin	Made in Thailand
Control panel	Smart contextual user interface – Cap Sense Buttons: Monochrome & Colour Copy, Information, Cancel and Resume, Indicator lights: Wifi icon, number counter and Document feeder error
What's in the box	223R6A: HP ENVY 6420e All-in-One Printer; HP 67 Setup Black Cartridge; HP 67 Setup Tri-Color Cartridge; Regulatory flyer; Setup guide; Reference guide; Power cord [For ink volume and page yield information, visit http://hp.com/go/learnaboutsupplies]
Supplies	3YM55AA HP 67 Tri-color Original Ink Cartridge 3YM56AA HP 67 Black Original Ink Cartridge 3YM57AA HP 67XL High Yield Black Original Ink Cartridge 3YM58AA HP 67XL High Yield Tri-color Original Ink Cartridge 3YM59AA HP 67XXL Extra High Yield Black Original Ink Cartridge 9RR49A HP Advanced Glossy FCS Photo Paper-100 sht/10 x 15 cm 9RR50A HP Advanced Glossy FCS Photo Paper-50 sht/10 x 15 cm 9RR51A HP Advanced Glossy FCS Photo Paper-20 sht/A4/210 x 297 mm C6065A HP Iron-on Transfers-12 sht/A4/210 x 297 mm
Service and Support	UG062E HP 3 year Care Pack Next Business Day Exch Multi Fcn Printer - E SVC UG457E HP 3 year Care Pack Onsite Exch Multi Fcn Prtr - E SVC UG235E HP 3 year Care Pack Return Multi Fcn Printer - E SVC UG337E HP 3 year Care Pack Pickup Rtn Multi Fcn Printer - E SVC U6N05E HP Installation w/Network Consumer Printer SVC
Warranty	One-year limited hardware warranty; 24-hour, 7 days a week support

Footnotes

- Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting. Certain features/software are available in English language only, and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at www.hp.com/go/mobileprinting. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only. After 2 years, monthly fee applies to continue advanced features with HP Smart Advance. HP Smart Advance is not available in all countries. For more information, see www.hp.com/go/mobileprinting.
- Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting). Wi-Fi is a registered trademark of Wi-Fi Alliance®.
- Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.
- Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device, 2) setting up Shortcut, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- Mobile device needs to support Bluetooth v5.0+ and be enabled. A mobile app such as HP ePrint or HP Smart must be installed and opened for printing. Mobile device must be within 5 feet of the printer. For details, see <http://www.hp.com/go/bleprinting>. Bluetooth is a trademark owned by its proprietor and used by HP under license.
- Instant Ink sign up required. Instant Ink not available in all countries. Subject to monthly page limit of plan selected. Must complete Instant Ink sign up within 7 days of setting up the printer with the HP-recommended setup process as indicated in the instructions that came with your printer. Unless service is cancelled within the promotional period online at www.hpinstanlink.com, a monthly service fee, based on the plan chosen, plus tax and coverage fees will be charged to your credit/debit card. Customer will be charged for any overage fees and applicable taxes at the end of each month in the promotional period. Use of in-box ink or toner cartridge is included in period of offer. One offer redeemable per printer. Included months offer with Instant Ink subject to change after 4.30.2022. Offer cannot be redeemed for cash. Setup Offer may be combined with other offers; see terms and conditions of the offer offer for more details. Requires a valid credit/debit card, an email address, and Internet connection to printer. See additional offer information available during online sign up process. For service details, see www.hpinstanlink.com.
- Up to 2 years HP Warranty in total, subject to activation of HP+ at set up. Two years consist of: (1) one year standard HP warranty; (2) one year extra HP warranty through HP+ activation at setup. Refer to the documentation in the printer box for further information on HP warranty. HP Warranty benefits apply without prejudice to any statutory rights provided under applicable consumer protection laws related to non-conformity of goods with the contract of sale. Such consumer statutory rights are not limited or affected in any manner by the HP Warranty. See: <http://www.hp.com/limitedwarranty>
- Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink plan you can go back to using HP original Standard or XL cartridges. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to [instantlink.hp.com/terms](http://www.hpinstanlink.com/terms).
- Based on monthly subscription cost of Instant Ink 700-page plans without purchase of additional sets of pages compared to cost per page to print ISO/IEC 24711 pages on most in-class, traditional A4 color inkjet cartridge printers & MFPS using original standard capacity cartridges priced for: Australia <299 AUD; New Zealand <349 NZD. Sale prices not considered for this study. HP Ink Advantage printers excluded due to non-standard hardware & supplies model. Buyers Lab July 2020 study commissioned by HP, based on publicly available information as of June 1, 2020. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q1. For details: <http://www.keypointintelligence.com/HPInstanlink>.
- HP works collaboratively with our partners including WWF and Arbor Day Foundation to manage, restore, and protect forests in many countries around the world. With HP+, every print – regardless of paper brand – is addressed through HP's Forest Positive Framework to counteract risks of deforestation. HP brand paper is sourced only from certified responsibly managed forests or from recycled content. For other brands of paper, HP invests in forest restoration, protection or management projects in key regions sufficient to balance any paper used by HP+ customers that may not have been responsibly sourced. To learn more visit <http://www.hp.com/forestfirst>
- Program availability varies. Original HP Cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. Program availability varies. For details, see <http://hp.com/recycle>



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