HP ENVY 6430e 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 anywhere.[1]

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

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

Highlights

- 3 months of Instant Ink included with HP+[3]
- Print. Copy. Scan. Send mobile fax
- Print speed 10/7 ppm (black/colour)
- Double-sided printing
- Contains more than 20% recycled plastic
- Borderless printing (up to 216 x 297 mm)
- 35 sheet auto document feeder
- Reliable connection with Dual band Wi-Fi™ with Bluetooth® 5.0 and self-healing
- Wireless and HP Smart app capable

Loaded with everything. Except complications.

- Work fast and hands-free – the 35 page auto-feeder helps you complete scan and copy jobs quickly.
- Get started fast with simple setup that guides you through each step to seamlessly connect on any device.[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.[3]
- Easily print, scan, and copy everyday documents from your smartphone, using HP Smart app.[1]

Never run out of ink with Instant Ink[4]

- Never run out of ink.[4] Convenient ink cartridge replacements and smart delivery included.
- Save up to 70% with Instant Ink.[5] Enroll to get ink, delivery and recycling starting at £1.49 a month.
- Peace of mind with plan flexibility to change or cancel anytime at no cost.[6]
- Help us put plastic back into printers with prepaid recycling service included.[7]

HP+: Smart printing has arrived

- A cloud-connected HP+ printer is smarter – it keeps itself up to date and ready to print.[8]
- First 3 months of Instant Ink included[9]; after 3 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]
- For every page you print with HP+, HP protects or restores forests in equal measure.[10]

Technical specifications

Functions	Print, copy, scan, send mobile fax
Print technology	HP Thermal Inkjet
Print speed[5]	**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 optimised dpi colour (when printing from a computer on selected HP photo papers and 1200 input dpi)
Monthly duty cycle[7]	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	**Copier settings:** Colour, monochrome; **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, black and white); up to 2.8 ipm (200ppi, colour);
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; **Scan size maximum (ADF,metric):** 215.9 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 (client); 1 Wi-Fi 802.11ac (dual band)
Wireless	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability[4]	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
Number of paper trays	**Standard:** 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
Media weight, supported	A4: 60 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP cards: up to 200 g/m²; HP 10 x 15 cm photo paper: up to 300 g/m²

Input capacity	**Standard:** Up to 100 sheets **ADF:** Standard, 35 Sheets **Envelopes:** Up to 10 envelopes **Cards:** Up to 40 cards
Output capacity	**Standard:** Up to 25 sheets **Envelopes:** Up to 5 envelopes
Compatible operating systems	Windows 11; Windows 10; Windows 7; macOS 10.12 Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 13 Ventura; Chrome OS; macOS 14 Sonoma
Minimum system requirements	**Windows:** Windows 10, 7: 32/64-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 available hard disk space; Internet required
Software included	HP Printer Software, available online
Printer dimensions (W x D x H)[1]	**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[2]	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) **Acoustic pressure emission:** 56 dB(A) (printing at 5 ppm)
Power[3]	**Requirements:** Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz, 0.7A. ; **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 CFR 47 Part 15 Class B ICES-003, Issue 6 VCCI-CISPR 32:2016 EN 301 489-1 V2.1.1:2017 EN 301 489-17 V3.1.1:2017
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	**223R2B:** HP ENVY 6430e All-in-One Printer; HP 305 Setup Black Cartridge; HP 305 Setup Tri-Color Cartridge; Regulatory flyer; Setup guide; Reference guide; Power cord; For ink volume and page yield information, visit http://www.hp.com/go/learnaboutsupplies
Supplies, After market or Supplies, replacement	**3YM60AE** HP 305 Tri-color Original Ink Cartridge (~100 pages) **3YM61AE** HP 305 Black Original Ink Cartridge (~120 pages) **3YM62AE** HP 305XL High Yield Black Original Ink Cartridge (~240 pages) **3YM63AE** HP 305XL High Yield Tri-color Original Ink Cartridge (~200 pages)
Service and Support	**UG187E** HP 3 year Care Pack with Standard Exchange for Multifunction Printers **UG062E** HP 3 year Care Pack with Next Day Exchange for Multifunction Printers **UG235E** HP 3 year Care Pack with Return to Depot Support for Multifunction Printers (UG187E - available in All EMEA countries except Middle East, Adriatic, Africa, South Africa, Israel, Slovenia, Turkey, UG062E - available in Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK, UG235E - available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Romania, South Africa, Turkey)
Warranty	Up to 2 years HP Warranty. 24-hour, 7 days a week Web support; Business hour phone support within warranty period.[11]

Messaging Footnotes

[1] Requires the HP Smart app download. For details on local printing requirements see http://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 http://www.hpsmart.com. 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 http://www.hpsmart.com.

[2] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more athttp://www.hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.

[3] Mobile device needs to support Bluetooth v4.2+ 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 1.52 m (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.

[4] Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.

[5] Based on the monthly subscription cost of HP Instant Ink 700-page plan without purchase of additional sets of pages compared to cost per page (CPP) to print ISO/IEC 24711 pages on most HP, A4 colour inkjet cartridge printers and MFPs. Comparative printers are priced at or below the most expensive HP Instant Ink-eligible printer in each country using local currency, as of September 2022. Sale prices not considered for this study. Average CPP per country used to determine percent savings versus CPP for HP Instant Ink. HP Ink Advantage printers, printers sold through contract, and other printers which only use XL cartridges excluded due to a non-standard hardware & supplies model. Keypoint Intelligence October 2022 study commissioned by HP. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2022Q2. www.keypointintelligence.com/HPInstantInk

[6] 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 instantink.hpconnected.com/terms.

[7] 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://www.hp.com/recycle.

[8] Utilising technology in the HP+ system and compared to HP standard consumer printers without HP+. HP+ printers are ready when you are with improved connectivity utilising Smart Driver and Print/Scan Doctor technology, more secure with Smart Security technology, more productive through HP Smart Advance features included for 2 years, and more sustainable by enabling Forest First printing and net-zero deforestation prints.

[9] HP Instant Ink sign up required. HP Instant Ink not available in all countries. Subject to monthly page limit of 700. Must complete HP Instant Ink signup within 7 days of setting up the printer with the HP-recommended setup process as indicated in the instructions that came with your printer. Use of in-box ink cartridge is included in period of offer. Unless service is cancelled within the promotional period online at https://www.hpinstantink.com, a monthly service fee, based on the plan chosen, plus tax and overage 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. One offer redeemable per printer. Trial offer with HP Instant Ink subject to change after 12.31.2024. Offer cannot be redeemed for cash. Setup Offer may be combined with other offers; see terms and conditions of the other 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 signup process. For service details, see https://www.hpinstantink.com.

[10] 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.

[11] 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.

Technical Specifications Footnotes

[1] Dimensions vary as per configuration

[2] Weight varies as per configuration

[3] Power measurements are based on ENERGY STAR® OM test procedure with 230 VAC, 50 Hz input.

[4] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps).

[5] Speed specifications have been updated to reflect current industry testing methods.

[6] Either after first page or after first set of ISO test pages. For details see http://www.hp.com/go/printerclaims

[7] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

[8] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement

[9] Based on cloud storage

[10] Set by Fax service Provider