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-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

Highlights

- 6 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 £0.99 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 6 months of Instant Ink included[9]; 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]
- 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	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	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; 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
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; Chrome OS
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)	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) Acoustic pressure emission: 56 dB(A) (printing at 5 ppm)
Power	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 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	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 3YM61AE HP 305 Black Original Ink Cartridge 3YM62AE HP 305XL High Yield Black Original Ink Cartridge 3YM63AE HP 305XL High Yield Tri-color Original Ink Cartridge
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]

Footnotes