Data sheet

HP Envy 6120e All-in-One Printer

You dream it. Envy does it.

Elevate your home printing with the World's #1 Printer Company. HP's wireless all in one color photo printer, paired with the easiest-to-use print app, offers vivid color scanning, copying, duplex printing, and borderless photos.[2,3]

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

High-quality documents and photos every time

- Print documents and borderless photos that look like they do on your screen with HP's true-to-screen tech.[4]
- Customize the backs of photos for personalized cards with HP's exclusive automatic 2-sided photo printing.[4]

The easiest printing experience[2]

- Smoothly navigate printing with HP's most intuitive printer color touchscreen.[1]
- Get Wi-Fi that actually works, automatically reconnecting if lost, with HP's dual-band, self-healing Wi-Fi.[1]
- Effortlessly set up, print, scan and copy from your phone or laptop with the easiest-to-use print app.[2]

Sleek sustainable design[5]

- Modernize your space with HP's sleek, compact printer, seamlessly complementing your workspace or living area.
- Choose an HP printer with a sustainable design, helping to reduce waste – made with 60% recycled plastic.[5]

Technical specifications

Functions	Print, copy, scan, mobile fax
Print technology	HP Thermal Inkjet
Print speed[6]	**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 19 sec; **Colour (A4, ready):** As fast as 22 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[7]	Up to 1000 pages A4; **Recommended monthly page volume[8]:** 100 to 400
Standard print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); PJL (Printer Job Language); URF (AirPrint)
Print area	**Print margins:** Top: 3 mm, Bottom: 3 mm, Left: 3 mm, Right: 3 mm;
Borderless printing	Yes (up to 8.5 x 12 in, 216 x 305mm)
Number of supplies	2 (1 each black, tri-color)
Multitasking supported	No
Duplex printing	Automatic
Copy speed[5]	**Black (A4, ISO):** Up to 8 cpm; **Colour (A4, ISO):** Up to 3.5 cpm
Copier specifications	**Copier settings:** Color, mono; **Maximum number of copies:** Up to 99 copies; **Copy resolution:** Up to 300 x 300 dpi; **Reduce/Enlarge:** Via HP app
Scan file format	JPG; Basic PDF; PNG; TIF; HEIF
Scanner specifications	**Scanner type:** Flatbed; **Scan input modes:** Mobile, HP Scan Software, HP App; **Twain version:** Version 2.4; **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
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	**Standard:** Everyday scan (scan to PDF); Scan to email; Scan to email (from software); Scan to email (PDF, JPG); Scan to email (via printer control app); Scan to file (from software); Scan to file (PDF, JPG); Scan to PC; Scan to PC (PDF, JPG); Scan to HP Cloud
Fax	Yes, mobile fax (send only)
Processor speed	800 MHz
Connectivity	**Standard:** 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11a/b/g/n/ac, dual band
Wireless	Yes, Built-in Wi-Fi 802.11a/b/g/n/ac
Mobile printing capability[4]	HP app; Apple AirPrint; Chrome OS; HP Print Service Plugin (Android printing); Mopria-certified; Mopria Print Service
Network capabilities	Built-in Wi-Fi 802.11a/b/g/n/ac
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 304.8 mm; Duplex: 76.2 x 127 mm to 216 x 297 mm **Supported (metric):** A4; A5; B5; DL envelope; C6 envelope, A6, 10 x 15 cm
Media weight, supported	Plain paper: 60 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP cards: up to 200 g/m²; HP photo paper: up to 300 g/m²

Input capacity	**Standard:** Up to 100 sheets **Envelopes:** Up to 10 envelopes **Cards:** Up to 40 cards
Output capacity	**Standard:** Up to 25 sheets **Envelopes:** Up to 5 envelopes **Cards:** Up to 10 cards
Compatible operating systems	Windows 11; Windows 10; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux
Minimum system requirements	**Windows:** Microsoft Windows 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsfot Internet Explorer or Edge. **Mac:** macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; 2 GB HD; Internet required
Software included	HP Printer Software
Printer dimensions (W x D x H)[1]	**Minimum:** 433 x 361 x 136 mm; **Maximum:** 433 x 513 x 136 mm
Package dimensions (W x D x H)	473 x 172 x 411 mm
Printer weight[2]	5.13 kg
Package weight	7.05 kg
Operating environment	**Temperature:** 5 to 40°C **Humidity:** 25 to 75% RH
Storage conditions	**Temperature:** -40 to 60°C **Humidity:** 5 to 90% RH (non-condensing)
Acoustics	**Acoustic power emissions:** 6.0 B(A) color printing at 3 ppm **Acoustic pressure emission:** 49 dB(A) color printing at 3 ppm
Power[3]	**Requirements:** Input voltage (WW): 100 to 240 VAC (+/- 10%), 50/60 Hz, 700mA. Input voltage (India): 200 to 240 VAC (+/- 10%), 50/60Hz (+/- 3Hz), 400mA ; **Consumption:** 4.25 Watts (Ready); 1.90 Watts (Sleep); 0.175 Watts (Off) ; **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 301 489-17 V3.1.1:2017 IT ECO Declaration **Blue Angel compliant:** No; Please refer to the ECI document
Sustainable impact specifications	Recyclable through HP Planet Partners; Forest First product with HP+; 60% post-consumer recycled plastic
Country of origin	Made in Thailand
Control panel	2.4" (61mm) Diagonal Color Capacitive Touchscreen (320x240)
What's in the box	**714L8B:** HP Envy 6120e All-in-One Printer; HP 308 Setup Black Cartridge; HP 308 Setup Tri-Color Cartridge; Regulatory flyer; Setup guide; Reference guide; Power cord
Supplies, After market or Supplies, replacement	**6L6S6UE** HP 308 2-Pack Black/Tri-color Original Ink Cartridge Combo () **7FP20UE** HP 308 Tri-color Original Ink Cartridge (~120 pages) **7FP21UE** HP 308 Black Original Ink Cartridge EU (~160 pages) **7FP22UE** HP 308e EvoMore Black Original Ink Cartridge (~320 pages)
Service and Support	**UG195E** HP 3 years Standard Exchange (available in All EU countries except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey) **UG071E** HP 3 years Next Business Day Exchange (available in Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK) **UG244E** HP 3 years Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey)
Warranty	One-Year limited hardware warranty with option to extend to two-years with acceptance of HP+ Offer. For more info please visit us at http://support.hp.com .

Messaging Footnotes

[1] HP Envy 6100/6100e printers have HP's latest and most intuitive color touchscreen technology, compared to HP's current printer display technology, and self-healing Wi-Fi, HP's best and most reliable wireless technology to experience uninterrupted printing, compared to current HP printers' wireless technology. 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 www.hp.com/go/mobileprinting .

[2] Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced =$450 USD. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker – Final Historical CYQ1 2023. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2023. For details, please see: http://keypointintelligence.com/HPSmartapp . Requires HP app download available at www.hp.com/go/mobileprinting . Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at www.hpsmart.com .

[3] Based on 2022 Q4 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2022 Q4 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multifunction devices, including production units).

[4] HP Envy 6100/6100e printers are the world's only P3 color gamut capable printers in-class delivering a wider color range with P3 than sRGB, and the only printers in-class with automatic 2-sided photo printing. Based on November 2023 internal research of Expanded Color Gamut technology' and automatic photo duplex capabilities' comparison against comparable, top-selling competitive printers.

[5] HP Envy 6100/6100e printers are made of at least 60% recycled plastic. Percentage of recycled plastic is calculated by plastic total weight.

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

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