

HP Envy Photo 7931 All-in-One Printer



You dream it. Envy does it.



Bring out the vivid details in all your photos. Seamlessly go from printing vibrant, high-quality photos and personalized creations to everyday documents.

Highlights

- 3 months of Instant Ink included
- Print. Scan. Copy. Photo.
- 35 sheet ADF and 2 input trays (125 sheet standard tray, 15 sheet photo tray)
- 6.85 cm Diagonal Color Capacitive Touchscreen
- Print speed 15/10 ppm (black/colour)
- Double-sided printing
- Contains more than 60% recycled plastic
- Borderless printing (up 216 x 297 mm)
- Reliable connection with Dual band Wi-Fi™ with BLE and self-healing

High-quality home photo printing

- Print documents and borderless photos that look like they do on your screen with HP's true-to-screen tech.¹
- Customize the backs of photos for personalized cards with HP's exclusive automatic 2-sided photo printing.¹
- Turn memories into stunning, high-quality prints with photo-enhanced ink for richer, more vibrant colors.

Effortless prints, endless possibilities

- Smoothly navigate printing with a large intuitive printer color touchscreen.²
- With a dedicated photo tray, easily go from printing photos to everyday documents without switching paper.
- Effortlessly set up, print, scan and copy from your phone or laptop with HP's best and easiest-to-use Print App.³

Make every photo a masterpiece

- Make every moment more memorable with simple editing tools and customizable templates.
- Enhance your photos and design unique cards with special touches like text and borders all in the HP app.³

Sleek sustainable design⁴

- Modernize your space with a sleek and productive design, seamlessly complementing your workspace or living area.
- This HP Envy Photo All-in-One printer contains at least 60% recycled plastic content.⁴

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: <https://www.hp.com/learn/ds>

Footnotes

¹ HP Envy Photo 7900 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 publicly available information as of March 2025, internal research compares Expanded Color Gamut technology and automatic photo duplex capabilities against comparable, top-selling inkjet printers under \$200 USD. Market share data sourced from IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2024 Q4.

² HP Envy Photo 7900 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 <https://www.hp.com/go/mobileprinting>.

³ 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 CY11 2024. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2024. For details, please see: <https://keypointintelligence.com/happ>.

⁴ Recycled plastic is expressed as a percentage of the total weight of plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2.

⁵ Excludes first set of ISO test pages. For details, see: www.hp.com/go/printerclaims.

Technical specifications

Functions	Print, Scan, Copy, Photo	Output capacity	Standard: Up to 60 sheets Envelopes: Up to 10 envelopes Cards: Up to 10 cards
Print technology	HP Thermal Inkjet	Compatible operating systems	Windows 11; Windows 10; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux
Print speed⁵	Black (A4, ISO): Up to 15 ppm; Colour (A4, ISO): Up to 10 ppm; Draft black (A4): Up to 22 ppm; Draft colour (A4): Up to 20 ppm;	Minimum system requirements	Windows: Windows 11, Windows 10 32 bit or 64 bit; 2 GB available hard disk space, Microsoft Internet Explorer or Edge; Internet connection Mac: macOS 15 Sequoia, macOS 14 Sonoma, macOS 13 Ventura; 2 GB HD; Internet required
First page out⁶	Black (A4, ready): As fast as 18 sec; Colour (A4, ready): As fast as 20 sec	Software included	Download HP app from www.hp.com/hp-app
Print resolution	Black (best): Up to 1200 x 1200 rendered dpi; Colour (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)	Printer dimensions (W x D x H)¹	Minimum: 460 x 383 x 233 mm; Maximum: 460 x 383 x 233 mm
Monthly duty cycle⁷	Up to 1,000 pages A4; Recommended monthly page volume: 300 to 400	Printer weight⁸	8.00 kg
Standard print languages	HP PCL 3 GUI	Package weight	10.62 kg
Print area	Print margins: Top: 3 mm, Bottom: 3 mm, Left: 3 mm, Right: 3 mm;	Operating environment	Temperature: 5 to 40°C Humidity: 20 to 80% RH
Borderless printing	Yes (up to 8.5 x 11 in, 216 x 297 mm)	Storage conditions	Temperature: -40 to 60°C Humidity: 10 to 90% RH (non-condensing)
Number of supplies	2 (1 each black, tri-color)	Acoustics	Acoustic power emissions: 6.2 B(A) Acoustic pressure emission: 52 dB(A)
Multitasking supported	Yes	Power⁹	Requirements: 2 wire (Class 2) internal, dual mode AC/DC power supply, 100-240VAC, 50/60Hz, 0.7A input, 32W/12W (sleep), 469mA/166mA (sleep), 15W/2W(sleep) output. Not dual voltage, power supply varies by part number with # Option code identifier. Consumption: Up to 14 Watts (printing) 4.9 Watts (ready), 1.02 Watts (sleep), 0.06 Watts (manual off); Power supply type: Internal universal power supply
Duplex printing	Automatic	Certifications	EN 55032:2012/AC:2013 Class B; ETSI EN 301 489-1 v2.2.3:2019-11; ESTI EN 301 489-17 v3.2.4:2020-09; EN 6100-3-2:2018; EN 61000-3-3:2013; IEC 61000-4-2:2008; EN55035:2017; FCC CFR 47 Part 15; IT ECO Declaration; EPEAT® Silver registered
Copy speed¹⁰	Black (A4, ISO): Up to 13 ppm; Colour (A4, ISO): Up to 6 ppm	Sustainable impact specifications¹¹	Recyclable through HP Planet Partners; 60% post-consumer recycled plastic
Copier specifications	Maximum number of copies: Up to 50 copies; Reduce/Enlarge: 25 to 400%	Country of origin	Made in Thailand
Scan file format	JPG, BMP, TIFF, PDF, PNG	Control panel	2.7" (6.85 cm) Color Touchscreen, 3 buttons (back, home, help); Articulating display
Scanner specifications	Scanner type: ADF; Flatbed; Scan input modes: Mopria Scan; Front-panel; HP app; EWS; Twain version: Version 2.4; Scan size maximum (flatbed): 215.9 x 297 mm; Scan size maximum (ADF, metric): 215.9 x 355.6 mm; Optical scan resolution: Up to 1200 dpi	What's in the box	B6JX3B: HP Envy Photo 7931 All-in-one Printer; HP 303 Setup Black Original Ink Cartridge; HP Setup Tri-color Original Ink Cartridge; Setup Guide; Reference Guide; Power cord
Scanner advanced features	Supported using HP app	Supplies, After market or Supplies, replacement	T6N01AE HP 303 Tri-color Original Ink Cartridge (~165 pages) T6N02AE HP 303 Black Original Ink Cartridge (~200 pages) T6N03AE HP 303XL High Yield Tri-color Original Ink Cartridge (~415 pages) T6N04AE HP 303XL High Yield Black Original Ink Cartridge (~600 pages)
Scannable area	Maximum media size (flatbed): 215.9 x 297 mm; Maximum media size (ADF): 215.9 x 355.6 mm	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, 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)
Bit depth/ Grey scale levels	24-bit / 256	Warranty	One-year limited warranty. For more info please visit us at http://support.hp.com . For full terms and conditions visit: www.hp.com/go/orderdocuments . Warranty and support options vary by product, country, and local legal requirements.
Digital sending	Standard: Scan to PC		
Connectivity	Standard: 1 USB 2.0 client; 1 Wi-Fi 802.11a/b/g/n/ac, dual band; Wi-Fi 2.4/5GHz		
Wireless	Yes, built-in self-healing dual band Wi-Fi 802.11a/b/g/n/ac		
Mobile printing capability¹²	HP app; Apple AirPrint; Chrome OS; Mopria Print Service; Mopria-certified; HP Print Service Plugin		
Network capabilities	Dual band (2.4/5GHz) wireless 802.11a/b/g/n/ac		
Memory	Standard: 256 MB DDR3		
Number of paper trays	Standard: 2 (Main and Photo Trays)		
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): Main Tray: 97.79 x 215 to 127 x 355 mm; Photo Tray: No custom sizes Supported (metric): Main Tray: A4, A5, A6, B5 (ISO), B5 (JIS), 10 x 15 cm, 10 x 30 cm, 2L, Hagaki, Ofuku Hagaki, Envelope (A2, C5, C6, DL, #10, Chou #3); Photo tray: 10 x 15 cm, 13 x 13 cm, 13 x 18 cm		
Media weight, supported	Tray 1: A4: 75 to 90 g/m ² ; HP envelopes: 75 to 90 g/m ² ; HP Photo Paper: up to 300 g/m ² ; Photo Tray: photo paper: up to 300 g/m ²		
Input capacity	Standard: Up to 125 sheets ADF: Standard, 35 sheets Envelopes: Up to 5 envelopes Labels: Up to 40 sheets Cards: Up to 40 cards		

¹ Dimensions vary as per configuration. ² Weight varies as per configuration. ³ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁴ Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 and 5 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see <https://hpconnected.com>. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. AirPrint supports OS X v10.13 High Sierra and devices running iOS 4.2 or later and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows is a trademark of the Microsoft group of companies. Mopria®, the Mopria® Logo, and the Mopria Alliance™ word mark and logo are registered and/or unregistered trademarks and service marks of Mopria Alliance, Inc. in the United States and other countries. Unauthorized use is strictly prohibited. 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 <https://www.hp.com/go/printerclaims>. ⁷ 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. ⁸ For more information about page yields for replacement cartridges see <https://hp.com/go/learnaboutsupplies> for setup cartridges click on Setup supplies link on the same page. ⁹ Speed specifications have been updated to reflect current industry testing methods. ¹⁰ Program availability varies. For details, see <https://www.hp.com/recycle>. ¹¹ Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2

