



# HP Envy Photo 7931 All-in-One Printer (B6JX4D)

## Overview



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

### 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]

### Make every photo a masterpiece

Make every moment more memorable with simple editing tools and customizable templates.

### Effortless prints, endless possibilities

Smoothly navigate printing with a large intuitive printer color touchscreen.[2]

### Sleek and productive design

Modernize your space with a sleek and productive design, seamlessly complementing your workspace or living area.

## Features



Seamlessly go from printing vibrant, high-quality photos to everyday documents.



Easily go from printing photos to everyday documents without switching paper.



Print documents and photos that look like they do on your screen.



Customize backs of photos for personalized cards with HP's auto duplex printing.



HP's most reliable dual-band, self-healing Wi-Fi®.



Easily scan and copy multiple pages with the 35-page auto document feeder.

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*[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 [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting).*

## Specifications

<b>Print Resolution Black (best)</b>	Up to 1200 x 1200 rendered dpi
<b>Print Resolution Color (best)</b>	Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
<b>Print Speed</b>	Print speed up to 15 ppm (black) and 10 ppm (color)
<b>Print Margin Bottom (A4)</b>	3 mm
<b>Print Margin Left (A4)</b>	3 mm
<b>Print Margin Right (A4)</b>	3 mm
<b>Print Margin Top (A4)</b>	3 mm
<b>AIO Functions</b>	Print, Scan, Copy, Photo
<b>Duplex Print Options</b>	Automatic
<b>Duty Cycle (monthly, A4)</b>	Up to 1,000 pages
<b>Duty Cycle (monthly, letter)</b>	Up to 1,000 pages <sup>[7]</sup>
<b>Scanner Advanced Features</b>	Supported using HP app
<b>Replacement Cartridges</b>	HP 804 Tri-color Original Ink Cartridge (~165 pages yield) T6N09AA; HP 804XL Black Original Ink Cartridge (~600 pages yield) T6N12AA; HP 804XL Tri-color Original Ink Cartridge (~415 pages yield) 6ZD28AA <sup>Actual yield varies considerably based on content of printed pages and other factors. For details see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a>.</sup>
<b>Connectivity, Std</b>	1 USB 2.0 client; 1 Wi-Fi 802.11a/b/g/n/ac, dual band; Wi-Fi 2.4/5Hz
<b>Network Capabilities</b>	Dual band (2.4/5GHz) wireless 802.11a/b/g/n/ac
<b>Wireless Capability</b>	Yes, built-in self-healing dual band Wi-Fi 802.11a/b/g/n/ac
<b>Mobile Printing Capability</b>	HP app; Apple AirPrint; Chrome OS; Mopria Print Service; Mopria-certified; HP Print Service Plugin
<b>Software Included</b>	Download HP app from <a href="http://www.hp.com/hp-app">www.hp.com/hp-app</a>
<b>Compatible Operating Systems</b>	Windows 11; Windows 10; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux
<b>Sustainable Impact Specifications</b>	Recyclable through HP Planet Partners; 60% post-consumer recycled plastic
<b>Energy Star Certified</b>	No
<b>Ecolabels (fixed)</b>	IT ECO Declaration; EPEAT® Silver registered
<b>Digital Sending Standard Features</b>	Scan to PC
<b>Scan File Format</b>	JPG, BMP, TIFF, PDF, PNG
<b>Scan Input Modes</b>	Mopria Scan; Front-panel; HP app; EWS
<b>Scan Technology</b>	Contact Image Sensor (CIS)
<b>Scan Type</b>	ADF; Flatbed
<b>Display Description</b>	2.7" Diagonal Color Capacitive Touchscreen

<b>Product Dimensions (metric)</b>	460 x 383 x 233 mm
<b>Product Dimensions (imperial)</b>	18.11 x 15.08 x 9.17 in
<b>Weight (metric)</b>	8.12 kg
<b>Weight (imperial)</b>	17.9 lb
<b>Power Consumption Description</b>	Up to 14 Watts (printing) 4.9 Watts (ready), 1.02 Watts (sleep), 0.06 Watts (manual off) <sup>[3]</sup>
<b>Power Supply Type</b>	Internal universal power supply
<b>What Is In The Box</b>	HP Envy Photo 7931 All-in-one Printer; HP 804 Setup Black Original Ink Cartridge; HP Setup Tri-color Original Ink Cartridge; Setup Guide; Reference Guide; Power cord

**Manufacturer Warranty**

NA/APJ: One-year limited warranty. For more info please visit us at [www.support.hp.com](http://www.support.hp.com) . For full terms and conditions visit: [www.hp.com/go/orderdocuments](http://www.hp.com/go/orderdocuments) . Warranty and support options vary by product, country and local legal requirements. With services, software, solutions and support from HP, you can use, protect and enjoy your HP technology. Free technical support during warranty period. Access to world-class support services through [www.support.hp.com](http://www.support.hp.com) . EU: Please see enclosed for warranty terms and conditions.

## Additional specifications

<b>Acoustic Power Emissions (active, printing)</b>	6.2 B(A)
<b>Acoustic Pressure Emissions</b>	52 dB(A)
<b>Auto Document Feeder Capacity</b>	Standard, 35 sheets
<b>Bit Depth</b>	24-bit
<b>Borderless Printing</b>	Yes (up to 8.5 x 11 in, 216 x 297 mm)
<b>Cartons Per Layer</b>	6
<b>Color</b>	Evening fog
<b>Color Copy Capability</b>	Yes
<b>Color or Black (filter)</b>	Color
<b>Compliance Alliances</b>	Mopria; Wi-Fi Alliance; BT Sig
<b>Control Panel</b>	2.7" (6.85 cm) Color Touchscreen, 3 buttons (back, home, help); Articulating display
<b>Copier Reduce/enlarge</b>	25 to 400%
<b>Copy Resolution, Black Text</b>	Up to 600 dpi
<b>Copy Resolution, Color Text and Graphics</b>	Up to 600 x 600 dpi
<b>Copy Speed Black (ISO)</b>	Up to 13 cpm
<b>Copy Speed Black (draft, letter)</b>	Up to 22 cpm
<b>Copy Speed Black (maximum, A4)</b>	Up to 22 cpm
<b>Copy Speed Color (ISO)</b>	Up to 6 cpm
<b>Copy Speed Color (draft, letter)</b>	Up to 15 cpm
<b>Copy Speed Color (maximum, A4)</b>	Up to 15 cpm
<b>Count of Layers In Pallet</b>	4
<b>Display Description (metric)</b>	DS (APJ)
<b>Electromagnetic Emission Standard</b>	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.
<b>Envelope Feeder</b>	No
<b>File Formats</b>	PDF; TIF; JPG
<b>First Page Out Black (A4, ready)</b>	As fast as 18 sec
<b>First Page Out Black (letter, ready)</b>	As fast as 18 sec
<b>First Page Out Color (A4, ready)</b>	As fast as 20 sec

<b>First Page Out Color (letter, ready)</b>	As fast as 20 sec
<b>Grayscale Levels</b>	256
<b>Image Scaling or Enlargement Range</b>	25 to 400%
<b>In Box Cable</b>	No, please purchase USB cable separately.
<b>Input Capacity Maximum (4 X 6 Photo)</b>	Up to 15 sheets
<b>Input Capacity Maximum (photo paper)</b>	Up to 55 sheets
<b>Input Capacity, Envelopes (primary)</b>	Up to 5
<b>Input Capacity, Max</b>	Up to 125 sheets
<b>Input Capacity, Max, 10 X 15 cm Photo</b>	Up to 15 sheets
<b>Input Capacity, Max, Cards</b>	Up to 40 cards
<b>Input Capacity, Max, Envelopes</b>	Up to 5 envelopes
<b>Input Capacity, Max, Labels</b>	Up to 40 sheets
<b>Input Capacity, Standard, Legal</b>	Up to 125 sheets
<b>Input Capacity, Std</b>	Up to 125 sheets
<b>Input Capacity, Std (secondary tray)</b>	Up to 15 sheets
<b>Input Capacity, Std, Cards</b>	Up to 40 cards
<b>Instant Ink</b>	HP Instant Ink eligible
<b>Instant Ink Footnote</b>	HP Instant Ink eligible. For more information visit <a href="https://www.hpinstantink.com">https://www.hpinstantink.com</a>
<b>Mac Compatible</b>	Yes
<b>Max Dimensions (imperial)</b>	18.11 x 20.1 x 9.17 in
<b>Max Dimensions (metric)</b>	460 x 383 x 233 mm
<b>Max Number Of Copies</b>	Up to 50 copies
<b>Maximum Memory</b>	256 MB DDR3
<b>Media Handling, Document Finishing</b>	Sheetfed
<b>Media Sizes Custom (imperial)</b>	Main Tray: 3.85 x 8.5 to 5 x 14 in; Photo Tray: No custom sizes
<b>Media Sizes Custom (metric)</b>	Main Tray: 97.79 x 215 to 127 x 355 mm; Photo Tray: No custom sizes
<b>Media Types</b>	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
<b>Media Weight Recommended (imperial)</b>	18 to 22 lb

<b>Media Weight Recommended (metric)</b>	70 to 90 g/m <sup>2</sup>
<b>Media Weights Supported, By Paper Path (Imperial)</b>	16 to 80 lb
<b>Media Weights Supported, By Paper Path (metric)</b>	Tray 1: A4: 75 to 90 g/m <sup>2</sup> ; HP envelopes: 75 to 90 g/m <sup>2</sup> ; HP Photo Paper: up to 300 g/m <sup>2</sup> ; Photo Tray: photo paper: up to 300 g/m <sup>2</sup>
<b>Model Number</b>	7931
<b>Multitasking Supported</b>	Yes
<b>Non-operating Humidity Range</b>	10 to 90% RH (non-condensing)
<b>Number of Simultaneous Users (local + network)</b>	1-5 Users
<b>Operating Humidity Range</b>	15 to 80% RH (non-condensing)
<b>Operating Humidity Range (recommended)</b>	20 to 80% RH
<b>Operating Temperature Range (celsius)</b>	5 to 40°C
<b>Operating Temperature Range (fahrenheit)</b>	41 to 104°F
<b>Operating Temperature Range (recommended celsius)</b>	10 to 32.5°C
<b>Operating Temperature Range (recommended fahrenheit)</b>	59 to 90°F
<b>Orderable Supplies</b>	HP 804 Black Original Ink Cartridge T6N10AA; HP 804 Tri-color Original Ink Cartridge T6N09AA; HP 804XL Black Original Ink Cartridge T6N12AA; HP 804XL Tri-color Original Ink Cartridge 6ZD28AA
<b>Output Capacity Max (photo paper)</b>	Up to 10 sheets
<b>Output Capacity, Max</b>	Up to 60 sheet
<b>Output Capacity, Max, Cards</b>	Up to 10 cards
<b>Output Capacity, Max, Envelopes</b>	Up to 10 envelopes
<b>Output Capacity, Std</b>	Up to 60 sheets
<b>Output Capacity, Std, Cards</b>	Up to 10 cards
<b>Output Capacity, Std, Envelopes</b>	Up to 10 envelopes
<b>Output Capacity, Std, Legal</b>	Up to 60 sheets
<b>Package Dimensions (imperial)</b>	22.44 x 11.93 x 18.27 in
<b>Package Weight (imperial)</b>	23.41 lb
<b>Package Weight (metric)</b>	10.62 kg
<b>Page Yield (set-up/inbox cartridges)</b>	~125 pages Black, ~120 Pages Tri-color
<b>Pallet Dimensions (imperial)</b>	48 x 40 x 78.46 in
<b>Pallet Weight (imperial)</b>	608 lb

<b>Pallet Weight (metric)</b>	438 kg
<b>Paper Handling Standard/input</b>	125-sheet input tray, 15 sheet photo tray, 35-sheet ADF
<b>Paper Handling Standard/output</b>	60-sheet output tray
<b>Paper Trays, Standard</b>	2 (Main and Photo Trays)
<b>Playbook TS icon 1</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539082.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539082.png</a>
<b>Playbook TS icon 2</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169286.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169286.png</a>
<b>Playbook TS icon 3</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08754493.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08754493.png</a>
<b>Playbook TS icon 4</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539251.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539251.png</a>
<b>Playbook TS icon 5</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169153.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169153.png</a>
<b>Playbook TS icon 6</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03799043.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03799043.png</a>
<b>Playbook TS icon 7</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08754490.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08754490.png</a>
<b>Playbook TS icon 8</b>	<a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c09120130.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c09120130.png</a>
<b>Power Supply Required</b>	2 wire (Class 2) internal, dual mode AC/DC power supply. 100-240Vac, 50/60Hz, 0.7A input. 32V/12V (sleep), 469mA/166mA (sleep), 15W/2W(sleep) output. Not dual voltage, power supply varies by part number with # Option code identifier.
<b>Print Cartridge/Bottle, Color(s)</b>	Black; Cyan; Magenta; Yellow
<b>Print Cartridges/Bottle, Number</b>	2 (1 each black, tri-color)
<b>Print Languages, Standard</b>	HP PCL 3 GUI
<b>Print Quality, Vertical Alignment Accuracy (imperial)</b>	+/- 0.0002 in
<b>Print Speed Black (ISO)</b>	Up to 15 ppm
<b>Print Speed Black (draft, A4)</b>	Up to 22 ppm
<b>Print Speed Color (ISO)</b>	Up to 10 ppm
<b>Print Speed Color (draft, A4)</b>	Up to 20 ppm
<b>Print Technology</b>	HP Thermal Inkjet
<b>Product Color Description (fixed)</b>	OOV white with evening fog accents
<b>Product Logos</b>	WW: Hi-Speed USB; WiFi Certified, AirPrint, ColorLok, HP Total Care, RMN (Regulatory Model Number), HP Total Care, Regionalized Mobius Loop. Mopria-certified. PAP 20, EU Hazard Label - CLP, Get it from Microsoft, Get it on Google Play, Download on the Apple App Store, Works with android, Works with chromebook; This side up; Fragile/Keep Dry; Stacking Height (5), Recycle. AP: "Language bubbles." NA only: SmartWay logo, Energy Star. Instant Ink (for countries that apply), WeChat (for countries that apply), Energy Star (for countries that apply), Smart Way (for countries that apply) France/EMEA: Triman sorting label, Triman WEEE label; China: Energy Label, Chasing arrows
<b>Product Long Name Specifications</b>	HP Envy Photo 7931 All-in-One Printer, Color Printer for Home, Print, Scan, Copy, Photo, Photo tray; Touchscreen; Borderless photo printing
<b>Product Name (back)</b>	HP Envy Photo 7931
<b>Product Name (front)</b>	HP Envy Photo 7931

<b>Product Name (primary)</b>	HP Envy Photo 7931
<b>Product Name (secondary)</b>	HP Envy Photo 7931
<b>Product Short Name Specifications</b>	HP Envy 7931 All-in-One Color Printer
<b>Quantity Per Pallet</b>	24
<b>RMN Number</b>	VCVRA-2102-02
<b>Recommended Monthly Page Volume</b>	300 to 400
<b>Safety Approvals and Requirements</b>	IEC 62368-1:2014; EN 62368-1:2014 +A11:2017; IEC 60950-1:2005 +A1:2009 +A2:2013; German GS; EAC; China CCC; Taiwan BSMI
<b>Scan Resolution, Enhanced</b>	Up to 1200 dpi
<b>Scan Resolution, Hardware</b>	Up to 1200 x 1200 dpi
<b>Scan Resolution, Optical</b>	Up to 1200 dpi
<b>Scan Size Maximum (ADF, Imperial)</b>	8.5 x 14 in
<b>Scan Size Maximum (ADF, metric)</b>	215.9 x 355.6 mm
<b>Scan Size Maximum (flatbed, imperial)</b>	8.5 x 11.7 in
<b>Scan Size Maximum (flatbed, metric)</b>	215.9 x 297 mm
<b>Segment (filter)</b>	Home
<b>Standard Media Sizes (duplex, Imperial)</b>	Letter, Executive (all media lengths between 5.5 and 12.2")
<b>Standard Media Sizes (duplex, metric)</b>	A4 (210 x 297 mm); A5 (148 x 210 mm); B5 (176 x 250 mm); all media lengths between 140mm and 309 mm
<b>Standard Media Sizes Supported (imperial)</b>	Main Tray: Letter, Executive, Statement (8.5 x 5.5 in), Legal, 4 x 6 in, 5 x 7 in, 8 x 10 in, 4 x 12 in, Envelope (#10, A2); Photo Tray: 5 x 5 in, 4 x 6 in, 5 x 7 in
<b>Standard Media Sizes Supported (metric)</b>	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
<b>Standard Memory</b>	256 MB DDR3
<b>Storage Temperature Range (celsius)</b>	-40 to 60°C
<b>Storage Temperature Range (fahrenheit)</b>	-40 to 140°F
<b>Sub-Brand Name</b>	Envy Photo
<b>System Requirements, Macintosh, Minimum</b>	macOS 15 Sequoia, macOS 14 Sonoma, macOS 13 Ventura; 2 GB HD; Internet required
<b>System Requirements, Minimum</b>	Windows 11, Windows 10 32 bit or 64 bit; 2 GB available hard disk space, Microsoft Internet Explorer or Edge; Internet connection
<b>Target Number of Users and Print Volume</b>	For teams up to 5 users; Prints up to 400 pages/month

<b>Tariff Numbers</b>	8443310000
<b>Technology</b>	Ink
<b>Top Key Features</b>	Photo tray; Touchscreen; Borderless photo printing; Photo enhanced Ink
<b>Twain Version</b>	Version 2.4
<b>UNSPSC Code</b>	43212110
<b>UPC Number</b>	198990280783
<b>Web Solutions</b>	Scan to e-mail
<b>What Is In The Box Footnote</b>	For ink volume and page yield information, visit <a href="https://hp.com/go/learnaboutsupplies">https://hp.com/go/learnaboutsupplies</a> .
<b>Wireless Technology</b>	802.11a/b/g/n/ac

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*[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.*

*[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*

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# Ink/Toner/Paper/Printer Supplies

## Ink Supplies

★ : Recommended

### HP Inkjet Printer Cartridges and Ink Supplies

HP 303 Black Original Ink Cartridge	T6N02AE
HP 303 Tri-color Original Ink Cartridge	T6N01AE
HP 303XL High Yield Black Original Ink Cartridge	T6N04AE
HP 303XL High Yield Tri-color Original Ink Cartridge	T6N03AE
HP 64 Black Original Ink Cartridge	N9J90AN
HP 64 Tri-color Original Ink Cartridge	N9J89AN
HP 64XL High Yield Black Original Ink Cartridge	N9J92AN
HP 64XL High Yield Tri-color Original Ink Cartridge	N9J91AN
HP 804 Black Original Ink Cartridge	T6N10AA
HP 804 Color/Black Ink Cartridge Combo 3-Pack	6ZD28AA
HP 804 Tri-color Original Ink Cartridge	T6N09AA
HP 804XL High Yield Black Original Ink Cartridge	T6N12AA

## HP Business Papers

### HP Business Papers for inkjet

HP Enhanced Business Paper Matte 40 lb 8.5 x 11 in (216 x 279 mm) 150 sheets	9ZE20A	obsolete
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## HP Photo Papers

### HP Photo Papers for inkjet

HP Matte Photo Paper 180 g/m <sup>2</sup> 10 x 15 cm (101 x 152 mm) 25 sheets	7HF70A
HP Matte Photo Paper 48 lb 4 x 6 in. (101 x 152 mm) 25 sheets	6QH46A

## HP Home & Office Papers

### HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM 20 lb 11 x 17 in. (279 x 432 mm) 250 sheets	HPM1720P
HP MultiPurpose20TM 20 lb 8.5 x 11 in. (216 x 279 mm) 500 sheets	HPM1120R
HP MultiPurpose20TM 20 lb 8.5 x 14 in. (216 x 356 mm) 500 sheets	HPM1420P

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