



HP Envy Photo 7931 All-in-One Printer (B6JX3B)

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 sustainable design[4]

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.

[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.

[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.

Specifications

Print quality black (best)	Up to 1200 x 1200 rendered dpi
Print quality color (best)	Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
Print speed	Print speed up to 15 ppm (black) and 10 ppm (color)
Bottom margin (A4)	3 mm
Left margin (A4)	3 mm
Right margin (A4)	3 mm
Top margin (A4)	3 mm
Functions	Print, Scan, Copy, Photo
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 1,000 pages
Duty cycle (monthly, letter)	Up to 1,000 pages ^[7]
Scanner advanced features	Supported using HP app
Replacement cartridges	HP 303 Tri-color Original Ink Cartridge (~165 pages yield) T6N01AE; HP 303XL Black Original Ink Cartridge (~600 pages yield) T6N04AE; HP 303XL Tri-color Original Ink Cartridge (~415 pages yield) T6N03AE ^{Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies.}
Connectivity, standard	1 USB 2.0 client; 1 Wi-Fi 802.11a/b/g/n/ac, dual band; Wi-Fi 2.4/5Hz
Network capabilities	Dual band (2.4/5GHz) wireless 802.11a/b/g/n/ac
Wireless capability	Yes, built-in self-healing dual band Wi-Fi 802.11a/b/g/n/ac
Mobile printing capability	HP app; Apple AirPrint; Chrome OS; Mopria Print Service; Mopria-certified; HP Print Service Plugin
Software included	Download HP app from www.hp.com/hp-app
Compatible Operating Systems	Windows 11; Windows 10; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux
Sustainable impact specifications	Recyclable through HP Planet Partners; 60% post-consumer recycled plastic
Energy star certified	No
Ecolabels	IT ECO Declaration; EPEAT® Silver registered
Digital sending standard features	Scan to PC
Scan file format	JPG, BMP, TIFF, PDF, PNG
Scan input modes	Mopria Scan; Front-panel; HP app; EWS
Scan technology	Contact Image Sensor (CIS)
Scanner type	ADF; Flatbed
Display	2.7" Diagonal Color Capacitive Touchscreen

Dimensions (W x D x H)	460 x 383 x 233 mm
Dimensions (W x D x H)	18.11 x 15.08 x 9.17 in
Weight	8.00 kg
Weight	17.9 lb
Power consumption	Up to 14 Watts (printing) 4.9 Watts (ready), 1.02 Watts (sleep), 0.06 Watts (manual off) ^[3]
Power supply type	Internal universal power supply
What's in the box	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

Manufacturer Warranty

NA/APJ: One-year limited warranty. For more info please visit us at www.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. 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 . EU: Please see enclosed for warranty terms and conditions.

Additional specifications

Acoustic power emissions (active, printing)	6.2 B(A)
Acoustic pressure emissions	52 dB(A)
Automatic document feeder capacity	Standard, 35 sheets
Bit depth	24-bit
Borderless printing	Yes (up to 8.5 x 11 in, 216 x 297 mm)
Cable included	No, please purchase USB cable separately.
Cartons per layer	6
Color	Cloud blue
Color copy capability	Yes
Color or black	Color
Compliance alliances	Mopria; Wi-Fi Alliance; BT Sig
Control panel	2.7" (6.85 cm) Color Touchscreen, 3 buttons (back, home, help); Articulating display
Copies, maximum	Up to 50 copies
Copy Speed Black (maximum, A4)	Up to 22 cpm
Copy Speed Color (maximum, A4)	Up to 15 cpm
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi
Copy speed black (ISO)	Up to 13 cpm
Copy speed black (draft, letter)	Up to 22 cpm
Copy speed color (ISO)	Up to 6 cpm
Copy speed color (draft, letter)	Up to 15 cpm
Count of layers in pallet	5
Display	DS (API)
Electromagnetic compatibility	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.
Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
File Format Supported	PDF; TIF; JPG
Finished output handling	Sheetfed

First page out black (A4, ready)	As fast as 18 sec
First page out black (letter, ready)	As fast as 18 sec
First page out color (A4, ready)	As fast as 20 sec
First page out color (letter, ready)	As fast as 20 sec
Image scaling or enlargement range	25 to 400%
Input capacity	Up to 125 sheets
Instant Ink footnote	HP Instant Ink eligible. For more information visit https://www.hpinstantink.com
Instant ink	HP Instant Ink eligible
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 5 envelopes
Maximum Memory	256 MB DDR3
Maximum dimensions (W x D x H)	460 x 383 x 233 mm
Maximum dimensions (W x D x H)	18.11 x 20.1 x 9.17 in
Maximum input capacity (10x15cm photos)	Up to 15 sheets
Maximum input capacity (4x6 photo)	Up to 15 sheets
Maximum input capacity (cards)	Up to 40 cards
Maximum input capacity (labels)	Up to 40 sheets
Maximum input capacity (photo paper)	Up to 55 sheets
Maximum input capacity (sheets)	Up to 125 sheets
Maximum output capacity (cards)	Up to 10 cards
Maximum output capacity (envelopes)	Up to 10 envelopes
Maximum output capacity (photo paper)	Up to 10 sheets
Maximum output capacity (sheets)	Up to 60 sheet
Media sizes supported	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 sizes supported	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

Media sizes, custom	Main Tray: 97.79 x 215 to 127 x 355 mm; Photo Tray: No custom sizes
Media sizes, custom	Main Tray: 3.85 x 8.5 to 5 x 14 in; Photo Tray: No custom sizes
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 weight, recommended	18 to 22 lb
Media weight, recommended	70 to 90 g/m ²
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
Media weight, supported	16 to 80 lb
Memory	256 MB DDR3
Minimum System Requirements	Windows 11, Windows 10 32 bit or 64 bit; 2 GB available hard disk space, Microsoft Internet Explorer or Edge; Internet connection
Minimum System Requirements for Macintosh	macOS 15 Sequoia, macOS 14 Sonoma, macOS 13 Ventura; 2 GB HD; Internet required
Model number	7931
Multitasking supported	Yes
Non-Operating Humidity Range	10 to 90% RH (non-condensing)
Number of users	1-5 Users
Operating humidity range	15 to 80% RH (non-condensing)
Operating temperature range	5 to 40°C
Operating temperature range	41 to 104°F
Orderable supplies	HP 303 Black Original Ink Cartridge T6N02AE; HP 303 Tri-color Original Ink Cartridge T6N01AE; HP 303XL Black Original Ink Cartridge T6N04AE; HP 303XL Tri-color Original Ink Cartridge T6N03AE
Output capacity	Up to 60 sheets
Package dimensions (W x D x H)	22.44 x 11.93 x 18.27 in
Package weight	23.41 lb
Package weight	10.62 kg
Page yield (set-up/inbox cartridges)	~170 pages Black, ~120 Pages Tri-color
Pallet dimensions	44.88 x 35.91 x 91.34 in
Pallet weight	702 lb
Pallet weight	438 kg
Paper handling input, standard	125-sheet input tray, 15 sheet photo tray, 35-sheet ADF
Paper handling output, standard	60-sheet output tray
Paper trays, standard	2 (Main and Photo Trays)
Playbook TS icon 1	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539082.png

Playbook TS icon 2	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169286.png
Playbook TS icon 3	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08754493.png
Playbook TS icon 4	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05539251.png
Playbook TS icon 5	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169153.png
Playbook TS icon 6	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03799043.png
Playbook TS icon 7	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08754490.png
Playbook TS icon 8	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c09120130.png
Power	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.
Print Cartridge/Bottle, Color(s)	Black; Cyan; Magenta; Yellow
Print Cartridges/Bottle, Number	2 (1 each black, tri-color)
Print Technology	Ink
Print languages	HP PCL 3 GUI
Print speed black (ISO)	Up to 15 ppm
Print speed black (draft, A4)	Up to 22 ppm
Print speed color (ISO)	Up to 10 ppm
Print speed color (draft, A4)	Up to 20 ppm
Print technology	HP Thermal Inkjet
Product color	OOV White with cloud blue accents
Product logos	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
Product long name specifications	HP Envy Photo 7931 All-in-One Printer, Color Printer for Home, Print, Scan, Copy, Photo, Photo tray; Touchscreen; Borderless photo printing
Product name (back)	HP Envy Photo 7931
Product name (front)	HP Envy Photo 7931
Product name (primary)	HP Envy Photo 7931
Product name (secondary)	HP Envy Photo 7931
Product short name specifications	HP Envy 7931 All-in-One Color Printer
Quantity per pallet	30
RMN number	VCVRA-2102-02

Recommended monthly page volume	300 to 400
Recommended operating humidity range	20 to 80% RH
Recommended operating temperature range	10 to 32.5°C
Recommended operating temperature range	59 to 90°F
Safety	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
Scan resolution, hardware	Up to 1200 x 1200 dpi
Scan resolution, optical	Up to 1200 dpi
Scan size (ADF), maximum	215.9 x 355.6 mm
Scan size (ADF), maximum	8.5 x 14 in
Scan size, maximum	8.5 x 11.7 in
Scan size, maximum	215.9 x 297 mm
Segment (filter)	Home
Standard input capacity (cards)	Up to 40 cards
Standard input capacity (envelopes)	Up to 5
Standard input capacity (legal)	Up to 125 sheets
Standard input capacity (secondary tray)	Up to 15 sheets
Standard media sizes (duplex)	A4 (210 x 297 mm); A5 (148 x 210 mm); B5 (176 x 250 mm); all media lengths between 140mm and 309 mm
Standard media sizes (duplex, imperial)	Letter, Executive (all media lengths between 5.5 and 12.2")
Standard output capacity (cards)	Up to 10 cards
Standard output capacity (envelopes)	Up to 10 envelopes
Standard output capacity (legal)	Up to 60 sheets
Storage temperature range	-40 to 140°F
Storage temperature range	-40 to 60°C
Sub-brand name	Envy Photo
Target user and print volume	For teams up to 5 users; Prints up to 400 pages/month
Tariff numbers	8443310000
Top key features	Photo tray; Touchscreen; Borderless photo printing; Photo enhanced Ink
Twain version	Version 2.4
UNSPSC code	43212110

UPC number	(629) 198990280721; (686) 198990280752; (687) 198990280776
Vertical alignment accuracy	+/- 0.0002 in
Web solutions	Scan to e-mail
What is in the box footnote	For ink volume and page yield information, visit https://hp.com/go/learnaboutesupplies .
Wireless technologies	802.11a/b/g/n/ac

[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

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
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HP Photo Papers

HP Photo Papers for inkjet

HP Matte Photo Paper, 180 g/m ² , 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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