Data sheet

HP DeskJet 2921 All-in-One Printer

Home printing made super simple





Setup that's a breeze thanks to HP's easiest-to-use print app. Print everything from return labels to fun, colorful learning worksheets. Simplify printing, ignite creativity and learning.[3]

Highlights

- 7.5 black / 5.5 color pages per minute
- 60-sheet input tray
- HP's best and most reliable dual-band Wi-Fi®[1]
- Made with at least 70% recycled plastic content.[6]

Easy setup, worry-free connection.[1]

- Handle your printing, scanning, and copying needs from anywhere in your home.
- Reliable connection with dual-band Wi-Fi® that reconnects automatically.[2,1]
- Print from anywhere with HP's easiest-to-use print app.[3]

Learn, create, and stay organized.

- Make learning easy and fun with HP Printables.
- Discover an extensive collection of educational worksheets on the HP Printables website or through the HP app.[3]

Print with ease with less waste.[4]

- One billion printer cartridges recycled and counting.[7]
- Return used cartridges for free via the HP Planet Partners Program.[5]
- Contains at least 70% recycled plastic content.[6]

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

Footnotes

[1] HP DeskJet printers have self-healing Wi-Fi®, HP's best and most reliable wireless technology. Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5GHz operations. Learn more at www.hp.com/go/mobileprinting .
[2] HP Deskjet 2900 printers have 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 .
[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 CYQ1 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/hpapp .
[4] Recycle with HP Planet Partners, see www.hp.com/hprecycle for details. Program availability varies.
[5] The HP Planet Partners recycling program is available to HP customers and partners only. HP only accepts the return of original HP and Samsung cartridges. Cartridges from other brands, refilled cartridges and remanufactured cartridges cannot be returned. HP reserves the right to refuse shipments that contain non-HP cartridges or other non-eligible materials, and to return such shipments to the sender at sender's expense. Program availability varies. See hp.com/go/recycle .
[6] 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.
[7] See hp.com/sustainableimpact .
[8] HP Smart, myHP, and HPSA are now the HP app, available for download on Windows 10 or 11 PCs; macOS computers; and for Apple and Android mobile phones and tablets. Windows PCs do not support print features at launch. The HP app requires download available at [insert new HP app URL]. Not all HP devices, services, apps are available in the HP app. 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 select HP app functionality. Internet access required and may not be available in all countries. HP account required for full functionality. Fax sending capability only. Live chat and phone support are available during business hours and varies by country. Chat service is localized in supported regions, and where not supported, will default to English. Supported conferencing features vary by device and device configuration. Third party cloud storage must be purchased separately. Printables are for personal use only and may not be distributed for any commercial purpose. For complete Terms of Service see: printables.hp.com .

Technical specifications

Functions	Print, copy, scan
Print technology	HP Thermal Inkjet
Print speed[6]	**Black (A4, ISO):** Up to 7.5 ppm; **Colour (A4, ISO):** Up to 5.5 ppm; **Draft black (A4):** Up to 20 ppm; **Draft colour (A4):** Up to 16 ppm;
First page out[3]	**Black (A4, ready):** As fast as 16 sec; **Colour (A4, ready):** As fast as 20 sec
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 on selected HP photo papers and 1200 input dpi)
Monthly duty cycle	Up to 1000 pages A4; **Recommended monthly page volume:** 50 to 100
Standard print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); URF (AirPrint)
Print area	**Print margins:** Top: 3 mm, Bottom: 12.7 mm, Left: 3 mm, Right: 3 mm; **Maximum print area:** 209.9 x 349.6 mm
Borderless printing	No
Number of supplies	2 (1 each black, tri-color)
Multitasking supported	No
Duplex printing	Manual (driver support provided)
Copy speed	**Black (A4, ISO):** Up to 6 cpm; **Colour (A4, ISO):** Up to 3 cpm
Copier specifications	**Maximum number of copies:** Up to 9 copies; **Copy resolution:** Up to 300 x 300 dpi
Scan file format	JPEG; TIFF; PDF; PNG
Scanner specifications	**Scanner type:** Flatbed; **Scan input modes:** Front panel Copy buttons, 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:** No
Fax	No
Processor speed	1.0 GHz
Connectivity	**Standard:** 1 Hi-Speed USB 2.0 (device); Dual Band Wi-Fi
Wireless	Yes, built-in Wi-Fi 802.11a/b/g/n, 2.4 GHz and 5GHz dual band
Mobile printing capability[8]	HP app; Apple AirPrint; Mopria Print Service; HP Print Service Plugin (Android printing)
Network capabilities	Wi-Fi 802.11a/b/g/n, 2.4 GHz and 5GHz dual band
Hard disk	No
Memory	**Standard:** 64 MB DDR1
Number of paper trays	**Standard:** 1
Media types	Plain paper, photo paper, brochure paper, envelopes and other specialty inkjet papers
Media size	**Custom (metric):** 76 x 127 to 215 x 355 mm **Supported (metric):** A4; B5; A6; DL envelope
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 60 sheets **Envelopes:** Up to 5 envelopes **Labels:** Up to 10 sheets **Cards:** Up to 20 cards
Output capacity	**Standard:** Up to 25 sheets **Envelopes:** Up to 5 envelopes **Labels:** Up to 10 sheets **Cards:** Up to 20 cards

Compatible operating systems	Windows 11; Windows 10; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia
Minimum system requirements	**Windows:** Microsoft® Windows® 11, 10: 1 GHz processor, 2 GB available hard disk space, Internet connection **Mac:** Apple® macOS 13 Ventura, macOS 14 Sonoma, macOS 15 Sequoia; 2 GB HD; Internet required
Software included	HP app, available online
Printer dimensions (W x D x H)[1]	**Minimum:** 425 x 304 x 154 mm; **Maximum:** 425 x 546.6 x 250 mm (Output Extension Fully Out)
Package dimensions (W x D x H)	475 x 191 x 354 mm
Printer weight[5]	~3.42 kg
Package weight	4.58 kg
Operating environment	**Temperature:** 5 to 40°C **Humidity:** 20 to 80% RH
Storage conditions	**Temperature:** -40 to 60°C **Humidity:** 5 to 90% RH (non-condensing)
Acoustics	**Acoustic power emissions:** 6.3 B(A) **Acoustic pressure emission:** 55 dB(A)
Power[2]	**Requirements:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) 600mA. India input voltage: 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) 400mA. ; **Consumption:** 2.55 W (ready), 1.31 W (sleep), 0.10 W (off). ; **Power supply type:** Internal
Certifications	EN 55032:2015+A11:2020 Class B; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-2:2014; EN 61000-3-3:2013 +A1:2019; EN 301 489-1 V2.2.3; CISPR 32 2015+A1:2019 Class B; CISPR 35:2016; FCC CFR 47 Part 15; ICES-003, Issue 7; VCCI-CISPR32:2016. **Blue Angel compliant:** No; Please refer to the ECI document
Sustainable impact specifications	Forest First product; FSC Certified Packaging; Recyclable through HP Planet Partners; 70% post-consumer recycled plastic
Country of origin	Made in China
Control panel	Icon LCD display, 7 buttons (Power, Cancel, Resume, Wi-Fi, Info, Color Copy & Black Copy) 5 LED indicators (Power, Ink, Resume, Wi-Fi & Info)
What's in the box	**A24HWB:** HP DeskJet 2921 All-in-One Printer; HP 308 Setup Black Cartridge; HP 308 Setup Tri-Color Cartridge; Regulatory flyer; Setup guide; Reference guide; Power cord [For ink volume and page yield information, visit http://hp.com/go/learnaboutsupplies]
Supplies, After market or Supplies, replacement	**6L6S6UE** HP 308 2-Pack Black/Tri-color Original Ink Cartridge Combo (~160 pages black, ~120 pages tri-color) **7FP20UE** HP 308 Tri-color Original Ink Cartridge (~120 pages) **7FP21UE** HP 308 Black Original Ink Cartridge (~160 pages) **7FP22UE** HP 308e EvoMore Black Original Ink Cartridge (~320 pages)
Service and Support	**UG187E** HP 3 years Standard Exchange (available in All EU countries except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey) **UG062E** 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) **UG235E** HP 3 Years Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey)
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

[1] Dimensions vary as per configuration. [2] 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. [3] Speed specifications have been updated to reflect current industry testing methods. [4] Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see http://hp.com/go/learnaboutsupplies . [5] Weight vary as per configuration. [6] Either after first page or after first set of ISO test pages. For details see http://www.hp.com/go/printerclaims . [7] For more information about page yields for replacement cartridges see http://hp.com/go/learnaboutsupplies for setup cartridges click on Setup supplies link on the same page. [8] Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz and 5GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. Learn more at http://www.hp.com/go/mobileprinting .

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