Datasheet

HP DeskJet 2942 All-in-One Printer

Home printing made super simple

Effortlessly print, scan, and copy with this compact, wireless home printer paired with the best and easiest-to-use print app. From return labels to your favorite recipes, enjoy a seamless experience from the America's most trusted printer brand.[2,3]

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

ISO Speed: Black: Up to 7 ppm; Color: Up to 5 ppm
Print Resolution: Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi)
Copy Resolution: Black (text & graphics): Up to 300 x 300 dpi; Color (text & graphics): Up to 300 x 300 dpi
Standard Connectivity: 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11b/g/n
Mobile Printing Capability: HP app; Apple AirPrint; Chrome OS
Duty cycle: Monthly (letter): Up to 1,000 pages
Display: Icon LCD display **Paper Handling:** 60-sheet input tray, 25-sheet output tray **Borderless Printing:** No

Easy setup, worry-free connection[1]

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

Make learning fun with easy printing[10].

- Make learning easy and fun with HP Printables[10].
- Discover an extensive collection of educational worksheets on the HP Printables website or through the HP app.

Perfectly formatted prints with HP AI[9].

- Optimize ink usage.
- Remove unwanted content.
- Reduce wasted pages.

Print with ease with less waste[5].

- One billion printer cartridges recycled and counting[8].
- Return used cartridges for free via the HP Planet Partners Program[6].
- Contains at least 70% recycled plastic content[7].

[1] 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] Based on plan usage, Internet connection to eligible HP printer, valid payment method, email address, and delivery service in your geographic area. [5] Recycle with HP Planet Partners, see www.hp.com/hprecycle for details. Program availability varies. [6] 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 . [7] 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 . [8] See hp.com/sustainableimpact . [9] Requires Windows 11. The first set of HP AI features are available in English only and requires US location for printer setup. Feature availability varies by region. Requires HP AI-enabled printer purchased after July 31st 2025 and set up using HP App/HP Smart App. 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 . [10] Make learning fun with easy printing with free Printables on the HP Printables site. The free printables are for personal use only and may not be distributed for any commercial purpose. HP recommends using Original HP supplies for high-quality results. Visit printables.hp.com for more information.

HP DeskJet 2942 All-in-One Printer Technical specifications

Functions	Print, copy, scan
Multitasking supported	No
Print speed[6]	**Letter:** Up to 7 ppm; **Black (ISO):** Up to 7 ppm; **Color (ISO):** Up to 5 ppm; **First page out black:** As fast as 16 sec; **First Page Out Color:** As fast as 20 sec; **Black (draft):** Up to 20 ppm; **Color (draft):** Up to 16 ppm; **Draft black (A4 Memo):** Up to 27 ppm; **Draft color (A4 Memo):** Up to 22 ppm
Print resolution	**Black (best):** Up to 1200 x 1200 rendered dpi; **Color (best):** Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi)
Print technology	HP Thermal Inkjet
Print cartridges number	2 (1 each black, tri-color)
Borderless printing	No
Standard print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); URF (AirPrint)
Scan type / Scan technology	Flatbed / Contact Image Sensor (CIS)
Scan resolution	**Hardware:** Up to 1200 x 1200 dpi; **Optical:** Up to 1200 dpi
Scan file format	JPEG; TIFF; PDF; PNG
Scan input modes	Front panel Copy buttons, HP app
Scan size maximum	**Flatbed** 8.5 x 11.69 in ; 216 x 297 mm
Bit depth / Grayscale levels	24-bit/ 256
Digital sending standard features	No
Copy speed	**Black (ISO):** Up to 6 cpm; **Color (ISO):** Up to 3 cpm
Copy resolution	**Black (text and graphics):** Up to 300 x 300 dpi; Up to 300 x 300 dpi; **Color (text and graphics):** Up to 300 x 300 dpi
Maximum number of copies	Up to 9 copies
Fax Features	**Fax phone TAM interface supported:** No; **Junk barrier supported:** No; **Remote retrieval capability supported:** No
Standard connectivity	1 Hi-Speed USB 2.0 (device); Dual Band Wi-Fi
Network capabilities	Wi-Fi 802.11a/b/g/n, 2.4 GHz and 5GHz dual band
Wireless capability	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)
Memory	**Standard:** 64 MB DDR1; **Maximum:** 64 MB DDR1; 24 MB Flash
Processor speed	1.0 GHz/**Hard disk:** No
Duty cycle	**Monthly, letter:** Up to 1,000 pages; **Monthly, A4:** Up to 1000 pages
Recommended monthly page volume	50 to 100
Media types supported	Plain paper, photo paper, brochure paper, envelopes and other specialty inkjet papers

Media weight supported	Letter: 16 to 32 lb; HP envelopes: 20 to 24 lb; HP cards: up to 110 lb; HP 4 x 6 inch photo paper: up to 145 lb
Media sizes supported	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes
Media Sizes Custom	3 x 5 to 8.5 x 14 in
Paper handling	**Input Capacities:** Up to 60 sheets Standard; Up to 5 envelopes; Up to 20 cards; Up to 60 sheets Legal **Output Capacities:** Up to 25 sheets Standard; Up to 5 envelopes; Up to 20 cards; Up to 25 sheets Legal **Duplex Options:** Manual (driver support provided) **Envelope feeder:** No **Standard paper trays:** 1
What's in the box	**A24HHA** HP DeskJet 2942 All-in-One; HP 68 Setup Black Cartridge; HP 68 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]
Page yield (set-up/inbox cartridges)	~100 pages black, ~60 pages tri-color
Replacement cartridges[4,7]	HP 68 Black Original Ink Cartridge (~160 pages yield) 7FP21TN; HP 68 Tri-Color Original Ink Cartridge (~120 pages yield) 7FP20TN; HP 68e EvoMore Black Original Ink Cartridge (~320 pages yield) 7FP22TN.
Instant ink eligible	HP Instant Ink eligible
Product dimensions	**W x d x h:** 16.73 x 11.97 x 6.06 in /425 x 304 x 154 mm ; **Maximum:** 16.73 x 21.52 x 9.84 in (Output Extension Fully Out) /425 x 546.6 x 250 mm (Output Extension Fully Out)
Product weight[5]	~7.55 lb
Warranty features	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
Energy efficiency compliance	EPEAT® registered
Energy star certified	Yes
Sustainable impact specifications	At least 70% post-consumer recycled plastic; Recyclable through HP Planet Partners; FSC Certified Packaging
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)
Display description	Icon LCD display
Software included	HP app, available online
Web solutions	HP Printables
Compatible operating systems	Windows 11; Windows 10; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia
Minimum system requirements	**PC:** 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
Power[2]	**Power supply type:** Internal; **Power 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.; **Power consumption:** 2.55 W (ready), 1.31 W (sleep), 0.10 W (off).
Acoustics	**Acoustic power emissions:** 6.3 B(A); **Acoustic pressure emissions:** 55 dB(A)
Operating environment	**Operating temperature range:** 41 to 104°F; **Recommended operating temperature:** 59 to 86°F; **Storage temperature range:** -40 to 140°F; **Non-operating humidity range:** 5 to 90% RH (non-condensing); **Operating humidity range:** 15 to 80% RH (non-condensing); **Recommended humidity operating range:** 20 to 80% RH
Accessories	None
HP Service and Support options	UZ385E - HP 3y NBD Advance Exchange DJ UL SVC; UZ386E - HP 4y NBD Advance Exchange DJ UL SVC
Country of origin	Vietnam(1H5, 1HA)

Learn more at
hp.com

[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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August 2026