

ProductSheet

## HP DeskJet 2821e All-in-One Printer (588Q2B)



**The leader for simple, stress-free printing.[1]**

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 World's #1 Printer Company.[2,3]



**Simple setup with the easiest-to-use print app**

Get started fast by following simple steps on the best and easiest-to-use print app.[2]

**Stay connected with our most reliable Wi-Fi®[4]**

Be always ready to print with our most reliable Wi-Fi® that automatically reconnects if connection is lost.[4]

**Save up to 70% on ink and never run out[5,6]**

With an Instant Ink subscription, you can get ink delivered directly to your door before you run out.[6]

## Specifications

<b>Print quality black (best)</b>	Up to 1200 x 1200 rendered dpi
<b>Print quality color (best)</b>	Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi)
<b>Print speed black (ISO, A4)</b>	Up to 7.5 ppm
<b>Print Speed Color (ISO)</b>	Up to 5.5 ppm
<b>Print speed</b>	Print speed up to 7.5 ppm (black) and 5.5 ppm (color)
<b>Functions</b>	Print, copy, scan
<b>Duplex printing</b>	Manual (driver support provided)
<b>Duty cycle (monthly, A4)</b>	Up to 1000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 1,000 pages
<b>Replacement cartridges</b>	HP 67 Black Original Ink Cartridge (~120 pages yield) 3YM56AN; HP 67XL Black High Yield Original Ink Cartridge (~240 pages yield) 3YM57AN; HP 67 Tri-Color Original Ink Cartridge (~100 pages yield) 3YM55AN; HP 67XL Tri-Color High-Yield Original Ink Cartridge (~200 pages yield) 3YM58AN; HP 305 Black Original Ink Cartridge (~120 pages yield) 3YM61AE; HP 305XL Black High-Yield Original Ink Cartridge (~240 pages yield) 3YM62AE; HP 305 Tri-Color Original Ink Cartridge (~100 pages yield) 3YM60AE; HP 305XL Tri-Color High-Yield Original Ink Cartridge (~200 pages yield) 3YM63AE; HP 805 Black Original Ink Cartridge (~120 pages yield) 3YM73AA; HP 805XL Black High-Yield Original Ink Cartridge (~240 pages yield) 3YM71AA; HP 805 Tri-Color Original Ink Cartridge (~100 pages yield) 3YM72AA; HP 805XL Tri-Color High-Yield Original Ink Cartridge (~200 pages yield) 3YM70AA. 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>[4]</sup>
<b>Connectivity, standard</b>	1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11b/g/n
<b>Network capabilities</b>	Wi-Fi 802.11b/g/n
<b>Wireless capability</b>	Yes, built-in Wi-Fi 802.11b/g/n
<b>Mobile printing capability</b>	HP app; Apple AirPrint; Chrome OS
<b>Software included</b>	HP Printer Software, available online
<b>Compatible Operating Systems</b>	Windows 11; Windows 10; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 13 Ventura; macOS 12 Monterey; Chrome OS
<b>Sustainable impact specifications</b>	60% post-consumer recycled plastic
<b>Digital sending standard features</b>	No
<b>Faxing</b>	No
<b>Display</b>	Icon LCD display
<b>Minimum dimensions (W x D x H)</b>	425 x 304 x 154 mm (Dimensions vary as per configuration)
<b>Minimum dimensions (W x D x H)</b>	16.7 x 11.97 x 6.06 in
<b>Weight</b>	3.42 kg (Weight varies as per configuration)
<b>Weight</b>	7.55 lb (Weight varies as per configuration)
<b>Power consumption</b>	2.8 W (ready), 1.4 W (sleep), 0.3 W (auto-off), 0.3 W (off); For China: 2.8 W (ready), 1.4 W (sleep), 0.3 W (auto-off), 0.3 W (off). <sup>[2]</sup> (Power requirements and consumption 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.)
<b>Power supply type</b>	Internal
<b>What's in the box</b>	HP DeskJet 2821e All-in-One Printer; HP 305 Setup Black Cartridge; HP 305 Setup Tri-Color Cartridge; Regulatory flyer; Setup guide; Reference guide; Power cord [For ink volume and page yield information, visit <a href="http://hp.com/go/learnaboutsupplies">http://hp.com/go/learnaboutsupplies</a> ] <sup>[7]</sup>
<b>Manufacturer Warranty</b>	One-year limited warranty. For more info please visit us at <a href="http://support.hp.com">http://support.hp.com</a> . For full terms and conditions visit: <a href="http://www.hp.com/go/orderdocuments">www.hp.com/go/orderdocuments</a> . Warranty and support options vary by product, country, and local legal requirements

## Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

## Messaging Footnotes

[1] Based on 2023 CYQ1 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2023 CYQ1 Release. Includes shipments of all HP Deskjet in-class printers.

[2] 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 2023. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2023. For details, please see: [keypointintelligence.com/HPSmartapp](https://keypointintelligence.com/HPSmartapp). Requires HP app download available at [www.hp.com/go/mobileprinting](https://www.hp.com/go/mobileprinting). 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 functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at [www.hpsmart.com](https://www.hpsmart.com).

[3] Based on 2022 Q4 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2022 Q4 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multifunction devices, including production units).

[4] HP Deskjet 2800e Printer Series has 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 operations only. Learn more at [www.hp.com/go/mobileprinting](https://www.hp.com/go/mobileprinting).

[5] Based on monthly subscription cost of HP Instant Ink 700-page plan without purchase of additional sets of pages compared to cost per page (CPP) to print ISO/IEC 24711 pages on most HP, A4 color inkjet cartridge printers and MFPs. Comparative printers are priced at or below the most expensive HP Instant-Ink eligible printer in each country using local currency, as of September 2022. Sale prices not considered for this study. Average CPP per country used to determine percent savings versus CPP for HP Instant Ink. HP Ink Advantage printers, printers sold through contract, and other printers which only use XL cartridges excluded due to non-standard hardware & supplies model. Keypoint Intelligence October 2022 study commissioned by HP. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker – Final Historical 2022Q2. [www.keypointintelligence.com/HPInstantInk](https://www.keypointintelligence.com/HPInstantInk)

[6] Based on plan usage, Internet connection to eligible HP printer, valid payment method, email address, and delivery service in your geographic area.

## Technical Specifications Footnotes

[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.

[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>

[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.

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