

HP DeskJet 2810 All-in-One Printer



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}

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>

Highlights

- Simple set-up
- 7.5 black ppm/5.5 color ppm
- 60-sheet input tray
- High-quality Original HP inks
- Print anywhere with HP app
- Shortcuts on your phone
- Made from recycled plastic
- HP Wolf Essential Security

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
- Easily print shipping labels or your favorite recipes and get a lot from one device – print, scan, and copy.
- Handle all your printing tasks quickly from the intuitively easy-to-use control panel with buttons.
- Print, scan, copy, or fax right from your smartphone with the best and easiest-to-use HP 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
- Stay connected with our best and most reliable Wi-Fi[®] so you can quickly print from your smartphone.^{4,2}
- Built-in wireless lets you easily access, print, and share from any device on your network.⁴

Rely on high-quality prints every time

- From school projects to personal documents, get high-quality printing that can handle your needs.
- Original HP inks deliver sharp text and vivid colors to everything you print.

Driving innovation with 60% recycled plastic⁵

- Choose printers made with at least 60% recycled plastic.⁵
- For every page you print, HP protects, restores and manages forests in equal measure.⁶
- Recycle your Original HP ink cartridges after use for free with the HP Planet Partners program.⁷

Technical specifications

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| Functions | Print, copy, scan |
| Print technology | HP Thermal Inkjet |
| Print speed | 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 | Black (A4, ready): As fast as 15 sec; Colour (A4, ready): As fast as 19 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) |
| Copier specifications | Copier settings: Auto-enlarge; Maximum number of copies: Up to 6 copies; Copy resolution: Up to 300 x 300 dpi |
| Scan file format | JPEG, TIFF, PDF, BMP, PNG |
| Scanner specifications | Scanner type: Flatbed; Scan input modes: Front panel Copy buttons; HP Smart software; 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); 1 Wi-Fi 802.11b/g/n |
| Wireless | Yes, built-in Wi-Fi 802.11b/g/n, 2.4 GHz single-band only |
| Mobile printing capability | HP app; Chrome OS |
| Network capabilities | Wi-Fi 802.11b/g/n, 2.4 GHz single-band only |
| 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/m ² ; HP envelopes: 75 to 90 g/m ² ; HP cards: up to 200 g/m ² ; HP 10 x 15 cm photo paper: up to 300 g/m ² |
| Input capacity | Standard: Up to 60 sheets ADF: No 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 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 13 Ventura; macOS 12 Monterey; Chrome OS |

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| Minimum system requirements | Windows: Windows 10, 11, : 1 GHz 32-bit (x86) or 64-bit (x64) processor; 2 GB available hard disk space, Internet connection, Internet Explorer. Mac: macOS V10.14 Mojave, macOS 10.15 Catalina, macOS 11 Big Sur, macOS 12 Monterey, macOS 13 Ventura; 2 GB HD; Internet required |
| Software included | HP Printer Software, available online |
| Printer dimensions (W x D x H) | Minimum: 425 x 304 x 154 mm; Maximum: 425 x 546 x 250 mm (Output Extension fully out) |
| Package dimensions (W x D x H) | 475 x 191 x 354 mm |
| Printer weight | 3.42 kg |
| Package weight | 4.58 kg |
| Operating environment | Temperature: 5 to 40°C Humidity: 20 to 80% RH (non-condensing) |
| Storage conditions | Temperature: -40 to 60°C Humidity: 5 to 90% RH (non-condensing) |
| Acoustics | Acoustic power emissions: 6.1 B(A) Acoustic pressure emission: 54 dB(A) |
| Power | Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) 350mA. India input voltage: 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) 350mA. Consumption: 2.8 W (ready), 1.4 W (sleep), 0.3 W (auto-off), 0.3 W (off). ; Power supply type: Internal |
| Certifications | EN 55032:2015+A11:2020 CLASS B, IEC 61000-4-2:2008, IEC 61000-4-3:2020, IEC 61000-4-4:2012, IEC 61000-4-5:2014+A1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2004+A1:2017, EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4, FCC CFR 47 PART 15, ICES-003, ISSUE 7 IT ECO Declaration |
| Sustainable impact specifications | 60% 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 indicator light (Power, Ink, Resume, Wi-Fi & Info) |
| What's in the box | 51P96B: HP DeskJet 2810 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 http://hp.com/go/learnaboutsupplies |
| Supplies, After market or Supplies, replacement | 3YM60AE HP 305 Tri-color Original Ink Cartridge 3YM61AE HP 305 Black Original Ink Cartridge 3YM62AE HP 305XL High Yield Black Original Ink Cartridge 3YM63AE HP 305XL High Yield Tri-color Original Ink Cartridge |
| 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 |

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. Requires HP app download available at 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.hp.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 2800 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.

⁵ Percentage of recycled plastic is calculated by plastic total weight.

⁶ HP works collaboratively with non-profit partners to manage, restore and protect forests in many locations. With HP, every print is addressed through HP's Forest Positive framework to counteract risks of deforestation. www.hp.com/forestfirst.

⁷ HP Planet Partners' program availability varies. For details, see www.hp.com/hprecycle.

