HP DeskJet 2810e All-in-One Printer (588Q0B)

Overview

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]

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]

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]

Driving innovation with 60% recycled plastic[9]

Choose printers made with at least 60% recycled plastic.[9]

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[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.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 .

[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

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

[9] Percentage of recycled plastic is calculated by plastic total weight.

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 on selected HP photo papers and 1200 input dpi)
Print speed black (ISO, A4)	Up to 7.5 ppm
Print Speed Color (ISO)	Up to 5.5 ppm
Print speed	Print speed up to 7.5 ppm (black) and 5.5 ppm (color)
Functions	Print, copy, scan
Duplex printing	Manual (driver support provided)
Duty cycle (monthly, A4)	Up to 1000 pages
Duty cycle (monthly, letter)	Up to 1,000 pages
Replacement cartridges	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 http://www.hp.com/go/learnaboutsupplies[4]
Connectivity, standard	1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11b/g/n
Network capabilities	Wi-Fi 802.11b/g/n
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	HP app; Apple AirPrint; Chrome OS
Software included	HP Printer Software, available online
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
Sustainable impact specifications	60% post-consumer recycled plastic
Digital sending standard features	No
Faxing	No
Display	Icon LCD display
Minimum dimensions (W x D x H)	425 x 304 x 154 mm *(Dimensions vary as per configuration)*
Minimum dimensions (W x D x H)	16.7 x 11.97 x 6.06 in

Weight	3.42 kg *(Weight varies as per configuration)*
Weight	7.55 lb *(Weight varies as per configuration)*
Power consumption	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).[2] *(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.)*
Power supply type	Internal
What's in the box	HP DeskJet 2810e All-in-One Printer; HP 305 Setup Black Cartridge (~120 pages yield); HP 305 Setup Tri-Color Cartridge (~100 pages yield); Regulatory flyer; Setup guide; Reference guide; Power cord [For ink volume and page yield information, visit http://hp.com/go/learnaboutsupplies][7]
Manufacturer 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

Additional specifications

Accessories	None
Acoustic power emissions (active, printing)	6.1 B(A)
Acoustic pressure emissions	54 dB(A)
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	http://www.hp.com/uk
Automatic document feeder capacity	No
Automatic paper sensor	No
Borderless printing	No
Bottom margin (A4)	12.7 mm
Cable included	No, please purchase USB cable separately
Camera phone supported	No
Cartons per layer	12
Color copy capability	Yes
Color or black	Color
Color(s) of printing supplies	Black; Cyan; Magenta; Yellow
Compatible Network Operating Systems	Windows 11; Windows 10; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; Chrome OS
Compliance alliances	None
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)
Copier settings	Auto-enlarge
Copies, maximum	Up to 9 copies
Copy resolution (black graphics)	Up to 300 x 300 dpi
Copy resolution (black text)	Up to 300 x 300 dpi
Copy resolution (color text and graphics)	Up to 300 x 300 dpi
Count of layers in pallet	6
Country of origin	Made in China
Datasheet photo 1	AHID/2b1ed63fa17e7774fb4a4b4df13e08306b21b6b1
Datasheet photo 2	AHID/42a7f32c3fca69b0b5a6d0afce18aff8f84df989
Dimensions with trays up (W x D x H)	425.2 x 546.6 x 250 mm
Dynamic security	Dynamic security enabled printer

Electromagnetic compatibility	EN 55032:2015+A11:2020 CLASS B, IEC 61000-4-2:2008,EC 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
Envelope Feeder	No
Fax phone TAM interface supported	No
Finished output handling	Sheetfed
First page out black (A4, ready)	As fast as 15 sec
First page out color (A4, ready)	As fast as 19 sec
Ink types	Pigment-based (black); Dye-based (color)
Input capacity	Up to 60 sheets
Internal Storage	No
Left margin (A4)	3 mm
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 5 envelopes
Maximum Memory	64 MB DDR1; 24 MB Flash
Maximum dimensions (W x D x H)	425 x 546 x 250 mm (Output Extension fully out)
Maximum dimensions (W x D x H)	16.7 x 21.5 x 9.8 inch (Output Extension fully out)
Maximum input capacity (10x15cm photos)	Up to 20 sheets
Maximum input capacity (4x6 photo)	Up to 20 sheets
Maximum input capacity (cards)	Up to 20 cards
Maximum input capacity (labels)	Up to 10 sheets
Maximum input capacity (photo paper)	Up to 20 sheets
Maximum input capacity (sheets)	Up to 60 sheets
Maximum output capacity (cards)	Up to 20 cards
Maximum output capacity (envelopes)	Up to 5 envelopes
Maximum output capacity (labels)	Up to 10 sheets
Maximum output capacity (photo paper)	Up to 20 sheets
Maximum output capacity (sheets)	Up to 25 sheets
Maximum print area	209.9 x 349.6 mm
Media sizes supported	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes
Media sizes supported	A4; B5; A6; DL envelope

Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	3 x 5 to 8.5 x 14 in
Media sizes, custom	76 x 127 to 215 x 355 mm
Media types	Plain paper, photo paper, brochure paper, envelopes and other specialty inkjet papers
Media weight, recommended	20 lb
Media weight, recommended	75 g/m²
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 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
Memory	64 MB DDR1
Memory Slots	None
Minimum System Requirements	Windows 10, 11, : 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet connection, Internet Explorer.
Minimum System Requirements for Macintosh	macOS V10.14 Mojave, macOS 10.15 Catalina, macOS 11 Big Sur, macOS 12 Monterey, macOS 13 Ventura; 2 GB HD; Internet required
Multitasking supported	No
Non-Operating Humidity Range	5 to 90% RH (non-condensing)
Number of print cartridges	2 (1 each black, tri-color)
Number of users	1-3 Users
Operating altitude	Up to 3,000 m
Operating altitude	Up to 10,000 ft
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 67 Black Original Ink Cartridge 3YM56A; HP 67XL Black High Yield Original Ink Cartridge 3YM57A; HP 67 Tri-Color Original Ink Cartridge 3YM55A; HP 67XL Tri-Color High-Yield Original Ink Cartridge 3YM58A; HP 305 Black Original Ink Cartridge 3YM61A; HP 305XL Black High-Yield Original Ink Cartridge 3YM62A; HP 305 Tri-Color Original Ink Cartridge 3YM60A; HP 305XL Tri-Color High-Yield Original Ink Cartridge 3YM63A; HP 805 Black Original Ink Cartridge 3YM73A; HP 805XL Black High-Yield Original Ink Cartridge 3YM71A; HP 805 Tri-Color Original Ink Cartridge 3YM72A; HP 805XL Tri-Color High-Yield Original Ink Cartridge 3YM70A
Output capacity	Up to 25 sheets
Package dimensions (W x D x H)	475 x 191 x 354 mm
Package dimensions (W x D x H)	18.70 x 7.52 x 13.94 in
Package weight	10.10 lb
Package weight	4.58 kg

Page yield (set-up/inbox cartridges)	~120 pages black, ~75 pages tri-color
Pallet dimensions	AMS: 48 x 40 x 89.01 in; EMEA: 47 x 39.37 x 89.02 in; AP: 48 x 40 x 75.08 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2261 mm
Pallet weight	351 kg
Pallet weight	773 lb NA, EMEA, LAR; 652 lb AP except Japan; 241 lb JAPAN
Paper handling input, standard	60-sheet input tray
Paper handling output, standard	25-sheet output tray
Paper trays, maximum	1
Paper trays, standard	1
Photo (product photo, jpg, 70x100)	Printers and Multifunction/CD028B_70x100.jpg
Photo proofsheets supported	No
Power	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.
Print Technology	Ink
Print colors	Yes
Print colors maximum	4
Print head nozzles	328 (black), 588 (color)
Print heads	2 (1 each black, tri-color)
Print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); URF (AirPrint)
Print speed black (ISO)	Up to 7.5 ppm
Print speed black (draft, A4)	Up to 20 ppm
Print speed color (ISO)	Up to 5.5 ppm
Print speed color (draft, A4)	Up to 16 ppm
Print speed color (normal, 10x15 photo)	As fast as 65 sec
Print speed color (normal, 4x6 photo)	As fast as 65 sec
Print technology	HP Thermal Inkjet
Printer drivers included	HP PCL 3 GUI
Processor speed	1.0 GHz
Product color	White

Product logos	High speed USB, Works with Microsoft Vista; Windows 10; Mac Simley, Mac Universal; Chromebook Certified, Mopria, Wi-Fi Certified, Bluetooth, Airprint, ColorLock, Instant Ink (for countries that apply),WeChat (for countries that apply), Energy Star (For countries that apply), Recycle, Fragile, keep out of rain, this side up, PAP20 (for countries that apply), HP Total Care, Smart Way (for countries that apply), Stack height (NA:6, EMEA 6, AP 5), CE (for countries that apply), Green Dot (for countries that apply), Tidy Man (for countries that apply), EAC Logo (for countries that apply), KCCC Logo + approval number (Korea), AP Language bubble (AP only), RMN (regulatory model number), Regionalize mobius loop
Product name (back)	HP DeskJet 2810e All-in-One Printer
Product name (front)	HP DeskJet 2810e All-in-One Printer
Product name (primary)	HP DeskJet 2810e All-in-One Printer
Product name (secondary)	HP DeskJet 2810e All-in-One Printer
Product short name specifications	HP DeskJet 2810e All-in-One Printer, Color, Printer for Home, Print, copy, scan, Scan to PDF
Quantity per pallet	72
Recommended Macintosh system requirements	macOS V10.14 Mojave, macOS 10.15 Catalina, macOS 11 Big Sur, macOS 12 Monterey, macOS 13 Ventura; 2 GB HD; Internet required
Recommended monthly page volume	50 to 100
Recommended operating humidity range	20 to 80% RH (non-condensing)
Recommended operating temperature range	15 to 30°C
Recommended operating temperature range	59 to 86°F
Right margin (A4)	3 mm
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013, IEC 62368-1:2014, IEC 62368-1:2018, EN IEC 62368-1:2020 +A11:2020, EN 62311:2008, EN 50663:2017, EN 50665:2017
Segment (filter)	Home
Send to email capability	No
Service & support options	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 http://www.hp.com/support .
Standard input capacity (cards)	Up to 20 cards
Standard input capacity (envelopes)	Up to 5
Standard input capacity (legal)	Up to 60 sheets
Standard media sizes (duplex)	Not Applicable
Standard media sizes (duplex, imperial)	Not Applicable
Standard output capacity (cards)	Up to 20 cards

Standard output capacity (envelopes)	Up to 5 envelopes
Standard output capacity (labels)	Up to 10 sheets
Standard output capacity (legal)	Up to 25 sheets
Storage altitude	4500 m
Storage altitude	15,000 ft
Storage device and direct print support	Storage devices not supported
Storage temperature range	-40 to 140°F
Storage temperature range	-40 to 60°C
Sub-brand name	Deskjet
System requirements, recommended	Windows 10, 11, : 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet connection, Internet Explorer.
Target user and print volume	For teams up to 3 users; Prints up to 100 pages/month
Top key features	Scan to PDF
Top margin (A4)	3 mm
Twain version	Version 2.4
UNSPSC code	43212104
UPC number	(629) 196337820050; (686) 196337820074; (687) 196337820081
Vertical alignment accuracy	+/- 0.00167 in
Vertical alignment accuracy	+/- 0.042 mm
Video action printing supported	No
Wireless technologies	802.11b/g/n

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[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.

Ink/Toner/Paper/Printer Supplies

Ink Supplies

★ : Recommended

HP Inkjet Printer Cartridges and Ink Supplies

HP 305 Black Original Ink Cartridge	3YM61AE
HP 305 Tri-color Original Ink Cartridge	3YM60AE
HP 305XL High Yield Black Original Ink Cartridge	3YM62AE
HP 305XL High Yield Tri-color Original Ink Cartridge	3YM63AE

HP Photo Papers

HP Photo Papers for inkjet

HP Matte Photo Paper, 180 g/m2, 10 x 15 cm (101 x 152 mm), 25 sheets	7HF70A

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