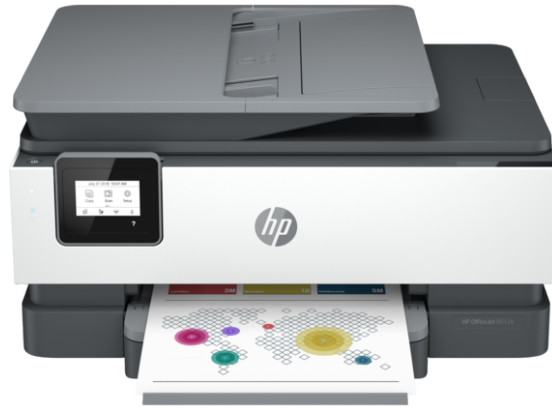ProductSheet
HP OfficeJet 8012e All-in-One Printer (228F8B)

Save time with Shortcuts.[1,4] Get automatic two-sided printing, ink savings[3] and HP+ benefits.

The smart printer that gets works done. Save time with Shortcuts[1,4] and get automatic two-sided printing. Print and scan from your phone.[1] Choose HP+ at setup to receive 6 months of Instant Ink [6] and an extended (up to 3 years) HP warranty.[12]

Designed to save you time
Eliminate steps in repetitive tasks, using Shortcuts.[1] Scan to the cloud, email, and more – in a tap.[1]

Never run out of ink with Instant Ink[9]
Enroll to Instant Ink to get ink, plus hassle-free delivery and recycling while saving up to 70%.[8]

HP+ – printing made brilliantly simple
With HP+, get connected cloud that automatically detects and fixes connectivity issues.[10]

Featuring

Customizable shortcuts on your phone [1]

Hands-free. Auto-fed

Ready when you are [1]

Printing just got more productive [1]

Amazing scanning, now on your smartphone

Your reliable connection [2]

Specifications

Print Resolution Technologies	HP Thermal Inkjet
Print quality black (best)	1200 x 1200 rendered dpi
Print quality color (best)	Up to 4800 x 1200 optimized dpi on HP Advance Photo Paper 1200 x 1200 dpi input
Print speed black (ISO, A4)	Up to 18 ppm
Print speed black (ISO, letter)	Up to 18 ppm
Print Speed Color (ISO)	Up to 10 ppm
Print speed color (ISO)	Up to 10 ppm
Print speed	Print speed up to 18 ppm (black) and 10 ppm (color)
Functions	Print, copy, scan
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 20,000 pages
Duty cycle (monthly, letter)	Up to 20,000 pages[7]
Printer smart software features	Orientation: Portrait/Landscape; Print on Both Sides: None/Flip on Long Edge/Flip on Short Edge; Page Order: Front to Back/Back to Front; Pages per Sheet: 1, 2, 4, 6, 9, 16; Quality Settings: Draft/Normal/Best; Printing Shortcuts; Print in Grayscale: Off/High Quality Grayscale/Black Ink Only; Pages per Sheet Layout: Right then Down/Down then Right/Left then Down/Down then Left; Print in Max DPI: No/Yes; HP Real Life Technologies: Off/On; Booklet: None/Booklet-Left Binding/Booklet-Right Binding; Pages to Print: Print All Pages/Print Odd Pages Only/Print Even Pages Only; Borderless Printing: Off/On; Page Borders: Off/On
Energy savings feature technology	Schedule On and Schedule Off
Replacement cartridges	HP 912 Black Original Ink Cartridge (~300 pages) 3YL80AE; HP 912 Cyan Original Ink Cartridge 3YL77AE; HP 912 Magenta Original Ink Cartridge 3YL78AE; HP 912 Yellow Original Ink Cartridge 3YL79AE (CMY composite ~315 pages); HP 912XL Black Original Ink Cartridge (~825 pages) 3YL84AE; HP 912XL Cyan Original Ink Cartridge 3YL81A; HP 912XL Magenta Original Ink Cartridge 3YL82A; HP 912XL Yellow Original Ink Cartridge 3YL83A (CMY composite pages ~825); HP 917XL Black Original Ink Cartridge (~1,500 pages) 3YL85AE. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies
Supplies feature	HP Instant Ink eligible
Connectivity, standard	1 Wireless 802.11a/b/g/n
Network capabilities	Yes, Wireless 802.11a/b/g/n
Wireless capability	Yes, built-in Wi-Fi 802.11a/b/g/n
Mobile printing capability	Chrome OS; HP Smart app; Apple AirPrint™; Wi-Fi® Direct Printing; Mopria™ Certified
Network protocols, supported	9100; LPR; SNMP; SLP; Internet Printing Protocol (IPP); WS-Print; Wireless
Software included	HP Printer Software, Shop for Supplies Online
Compatible Operating Systems	Windows 10, 8.1, 8, 7,Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016, Chrome OS *(Windows XP and Windows Vista not supported)*
Energy star certified	No
Copy speed black (best, A4)	Up to 3 cpm
Copy speed black (best, letter)	Up to 3 cpm
Copy speed color (best, A4)	Up to 2 cpm
Copy speed color (best, letter)	Up to 2 cpm
Digital sending standard features	Scan to PC
Scan speed (normal, A4)	Up to 8 ppm (200 ppi, b&w), up to 3.5 ppm (200 ppi, color)
Scan speed (normal, letter)	Up to 8 ppm (200 ppi, b&w), up to 3.5 ppm (200 ppi, color)
Scan file format	JPG, BMP, TIFF, PDF, PNG
Scan input modes	Front-panel scan, copy, HP Software, EWS, Mobile apps
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed, 1-sided ADF
Display	2.2" (5.58 cm) Capacitive Touchscreen MGD
Minimum dimensions (W x D x H)	460 x 337.5 x 233 mm
Minimum dimensions (W x D x H)	18.11 x 13.43 x 9.21 in
Weight	8.2 kg

Weight	18.04 lb
Power consumption	Up to 21 watts (printing), 5.80 watts (ready), 0.90 watts (sleep), 0.08 watts (manual-off)[3]
Power supply type	Internal (Built-in) Universal Power Supply
What's in the box	HP OfficeJet 8012e All-in-One Printer; HP 912 Black Original Ink Cartridge; HP 912 Cyan Original Ink Cartridge; HP 912 Magenta Original Ink Cartridge; HP 912 Yellow Original Ink Cartridge; User Guide; Regulatory flyer; Setup poster; Reference Guide; Power cord [For ink volume and page yield information,visit hp.com/go/learnaboutsupplies][8]
Manufacturer Warranty	One-year limited hardware warranty; 24-hour, 7 days a week Web support; business hour phone support within warranty period

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] Requires the HP Smart app download. For details on local printing requirements see http://www.hp.com/go/mobileprinting. Certain features/software are available in English language only, and differ between desktop and mobile applications. Instant Ink subscription may be required. Instant Ink not available in all countries. See details at www.hpinstantink.com. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only, and may require additional purchase. For more information, see http://www.hpsmart.com/mobile-fax.

[2] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.

[3] Added value is calculated based on 6 months of any Instant Ink plan, up to $24.99/month. See Instant Ink offer details on box (¹) or at http://www.hpinstantink.com. With HP+, customers will also receive additional value in the form of one extra year of HP Carepack-based warranty and access to advanced HP Smart app features.

[4] Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device, 2) setting up Shortcut, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see http://www.hp.com/go/mobileprinting.

[6] HP Instant Ink sign up required. HP Instant Ink not available in all countries. Subject to monthly page limit of plan selected. Must complete HP Instant Ink signup within 7 days of setting up the printer with the HP-recommended setup process as indicated in the instructions that came with your printer. Use of in-box ink cartridge is included in period of offer. One offer redeemable per printer. Free months offer with HP Instant Ink subject to change after 10.31.2021. Offer cannot be redeemed for cash. Setup Offer may be combined with other offers; see terms and conditions of the other offer for more details. Requires a valid credit/debit card, an email address, and Internet connection to printer. Unless service is cancelled within the promotional period online at http://www.hpinstantink.com, a monthly service fee, based on the plan chosen, plus tax and overage fees will be charged to your credit/debit card. Customer will be charged for any overage fees and applicable taxes at the end of each month in the promotional period. See additional offer information available during online signup process. For service details, see http://www.hpinstantink.com.

[8] Based on monthly subscription cost of HP Instant Ink 700-page plans without purchase of additional sets of pages compared to cost per page to print ISO/IEC 24711 pages on most in-class, traditional A4 colour inkjet cartridge printers & MFPs using original standard capacity cartridges priced for: majority of EMEA countries <200 Euro; UK <200 GBP. Sale prices not considered for this study. HP Ink Advantage printers excluded due to non-standard hardware & supplies model. Buyers Lab July 2020 study commissioned by HP, based on publicly available information as of June 1, 2020. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q1. For details: https://www.keypointintelligence.com/HPInstantInkROW

[9] Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.

[10] Improved printer connectivity utilizing Smart Driver and Print/Scan Doctor technology in the HP+ system, versus HP consumer printers without HP+.?

[12]Three years of HP warranty require HP+ activation at setup and HP Care Pack Services registration. Three years consist of: (1) one year standard HP warranty; (2) one year extra HP warranty through HP+ activation at setup; and (3) one year bonus HP warranty through HP Care Pack Services registration. HP+ and HP Care Pack Services not available in all countries. HP Care Pack Services registration must be completed at www.hp.com/go/bonuswarranty within 60 days of printer purchase.?

Technical Specifications Footnotes

[3] 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.

[7] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement

[8] 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.