Datasheet

HP Envy 6165 All-in-One Printer

You dream it. Envy does it.

Handle everyday tasks with a versatile, all-in-one printer for quality home printing. Get vibrant prints that meet your expectations with HP's true-to-screen technology. Designed to deliver a seamless, organized print experience.[3]



ISO Speed: Black: Up to 10 ppm; Color: Up to 7 ppm
Print Resolution: Black: Up to 1200 x 1200 rendered dpi (when printing from a computer); Color: Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi)
Scan Resolution: Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi
Copy Resolution: Black (text & graphics): Up to 300 x 300 dpi; Color (text & graphics): 300 x 300 dpi
Standard Connectivity: 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11a/b/g/n/ac, dual band
Mobile Printing Capability: HP app; Apple AirPrint; Chrome OS; HP Print Service Plugin (Android printing); Mopria-certified; Mopria Print Service
Duty cycle: Up to 1000 pages
Display: 2.4" Diagonal Color Capacitive Touchscreen (320 x 240)
Paper Handling: Up to 100 sheets input tray, 25-sheet output tray

Vibrant prints that match your screen[3]

- HP's true-to-screen technology ensures colors look just like they do on your display.[3]
- Updated ink technology for consistent printing, delivering outstanding prints every time. [6.7]
- Easily print on both sides of photos and documents with automatic 2-sided printing.[3]

Seamless home printing

- Set up, print, scan, and copy from anywhere with the easy-to-use HP app.[2]
- Smoothly navigate printing with HP's most intuitive color touchscreen.[1]
- HP Instant Ink ensures you have ink delivered automatically before you run out.[5]

Simplify tasks with HP AI[4]

- Enhance productivity.
- Personalize experiences.
- Inspire creativity.

[1] HP Envy 6100 printers have HP's latest and most intuitive color touchscreen technology, compared to HP's current printer display technology, and self-healing Wi-Fi, HP's best and most reliable technology to stay connected. 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 . [2] HP Smart and myHP are now the HP app, available for download on Windows 10 or 11 PCs; macOS computers; and for Apple and Android mobile phones and tablets. Windows PCs do not support print features at launch. Android not supported in China at launch. The HP app requires download available at www.hp.com/hp-app . Not all HP devices, services, apps are available in the HP app. Certain features are available in English language only, and may vary by printer and PC model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of select HP app functionality. Internet access required. HP account required for full functionality. Fax sending capability only. Live chat and phone support are available during business hours and varies by country. Chat service is localized in supported regions, and where not supported, will default to English. Supported conferencing features vary by device and device configuration. For complete Terms of Service see: www.hp.com/hp-app-terms-of-use . [3] Only applies to images originally in P3 or converted to P3 before printing. Supported only through iOS AirPrint and the HP Smart App on Android/iOS. Duplex Photo Printing available only via the HP app; users must follow the app's workflow. HP is not responsible for color variations due to unsupported formats or third-party conversions. Features may vary by device and app version. [4] Requires an Apple or Android mobile device, an HP AI-enabled printer, and the HP app/HP Easy Start. Certain HP AI features are available in English language only, and may vary by printer model/country, and between desktop /mobile applications. Internet access is required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting . To learn more about HP AI features and local availability, visit hp.com/HP_AI . [5] Savings Claim: 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, annually. 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 annual study commissioned by HP. Printers selected by market share in IDC Quarterly Hardcopy Peripherals. www.keypointintelligence.com/HPInstantInk . Automatic Delivery: Based on plan usage, Internet connection to eligible HP printer, valid payment method, email address, and delivery service in your geographic area. Never Run Out: Printers require direct connection to the Internet for program participation. Internet access sold separately. [6] Compared to previous Original HP 67 Ink Cartridges. [7] Compared to previous generation Original HP 67 Ink Cartridges as of May 2024, Original HP 68/68e Ink Cartridges have a more robust printhead design that stands up to accidental drops, corrosion, and improved reliability performance. [8] Excludes first set of ISO test pages. For details, see: www.hp.com/go/printerclaims .

HP Envy 6165 All-in-One Printer Technical specifications

Functions	Print, copy, scan, mobile fax
Multitasking supported	No
Print speed[6]	**Black (ISO):** Up to 10 ppm; **Color (ISO):** Up to 7 ppm
Print resolution	**Black (best):** Up to 1200 x 1200 rendered dpi (when printing from a computer); **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	Yes (up to 8.5 x 12 in, 216 x 305mm)
Standard print languages	URF (AirPrint); HP PCL 3 GUI; HP PCLm (HP Apps/UPD); PJL (Printer Job Language)
Scan type / Scan technology	Flatbed / CIS
Scan resolution	**Hardware:** Up to 1200 x 1200 dpi; **Optical:** Up to 1200 dpi
Scan file format	JPG; Basic PDF; PNG; TIF; HEIF
Scan input modes	Mobile, HP Scan Software, HP App
Scan size maximum	**Flatbed** 8.5 x 11.7 in ; 215.9 x 297 mm
Scanner advanced features	Smart Tasks shortcuts: 1-click customizable scan to cloud destinations, email, and print; Smart Tasks destinations: Dropbox, Google Drive, OneDrive, email recipients
Bit depth / Grayscale levels	24-bit/ 256
Digital sending standard features	Everyday scan (scan to PDF); Scan to email; Scan to email (from software); Scan to email (PDF, JPG); Scan to email (via printer control app); Scan to file (from software); Scan to file (PDF, JPG); Scan to PC; Scan to PC (PDF, JPG); Scan to HP Cloud
Copy speed[5]	**Black (ISO):** Up to 8 cpm; **Color (ISO):** Up to 3.5 cpm
Copy resolution	**Black (text and graphics):** Up to 300 x 300 dpi; Up to 300 x 300 dpi; **Color (text and graphics):** 300 x 300 dpi
Maximum number of copies	Up to 99 copies
Copier settings	Color, mono
Copier resize	Via HP app
Standard connectivity	1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11a/b/g/n/ac, dual band
Network capabilities	Built-in Wi-Fi 802.11a/b/g/n/ac
Wireless capability	Yes, Built-in Wi-Fi 802.11a/b/g/n/ac
Mobile printing capability[4]	HP app; Apple AirPrint; Chrome OS; HP Print Service Plugin (Android printing); Mopria-certified; Mopria Print Service
Memory	**Standard:** 256 MB DDR3; **Maximum:** 256 MB DDR3
Processor speed	800 MHz
Duty cycle[7]	**Monthly, letter:** Up to 1000 pages; **Monthly, A4:** Up to 1000 pages
Recommended monthly page volume[8]	100 to 400
Media types supported	Plain Paper; HP Photo Papers; HP Matte Brochure or Professional Paper; HP Matte Presentation Paper; HP Glossy Brochure or Professional Paper; Other Photo Inkjet Papers; Other Matte Inkjet Papers; Other Glossy Inkjet Papers; Plain Paper, Light/Recycled

Media weight supported	Letter: 16 to 24 lb; HP envelopes: 20 to 24 lb; HP cards: up to 53 lb; HP 4 x 6 inch photo paper: up to 80 lb
Media sizes supported	Letter, 3 x 5 in, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes, 5 x 5 in, 4 x 12 in
Media Sizes Custom	Simplex:3 x 5 to 8.5 x 12 in; Duplex:3 x 5.5 to 8.5 x 11.7 in
Paper handling	**Input Capacities:** Up to 100 sheets Standard; Up to 10 envelopes; Up to 40 cards **Output Capacities:** Up to 25 sheets Standard; Up to 5 envelopes; Up to 10 cards **Duplex Options:** Automatic **Envelope feeder:** No **Standard paper trays:** 1
What's in the box	**C2WR8A** HP Envy 6165 All-in-One Printer; HP 68 Setup Black Cartridge (~120 pages yield); HP 68 Setup Tri-Color Cartridge (~75 pages yield); Regulatory flyer; Setup guide; Reference guide; Power cord
Replacement cartridges	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:** 17.05 x 14.21 x 5.35 in /433 x 361 x 136 mm ; **Maximum:** 17.05 x 20.19 x 5.35 in /433 x 513 x 136 mm
Product weight[2]	11.28 lb
Warranty features	One-year limited warranty. For more info please visit us at http://support.hp.com .
Energy efficiency compliance	EPEAT® registered; IT ECO Declaration
Energy star certified	Yes
Sustainable impact specifications	Recyclable through HP Planet Partners; FSC Certified Packaging; 60% post-consumer recycled plastic
Control panel	2.4" (61mm) Diagonal Color Capacitive Touchscreen (320x240)
Display description	2.4" Diagonal Color Capacitive Touchscreen (320 x 240)
Software included	HP Printer Software
Compatible operating systems	Windows 11; Windows 10; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; Linux
Compatible network operating systems	Windows 11; Windows 10; Chrome OS; macOS 12 Monterey; Linux
Minimum system requirements	**PC:** Microsoft Windows 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft Internet Explorer or Edge.; **Mac:** Apple macOS 12 Monterey, macOS 13 Ventura, macOS 14 Sonoma; 2 GB HD; Internet required
Power[3]	**Power supply type:** Built-in Universal Power Supply; **Power requirements:** Input voltage (WW): 100 to 240 VAC (+/- 10%), 50/60 Hz, 700mA. Input voltage (India): 200 to 240 VAC (+/- 10%), 50/60Hz (+/- 3Hz), 400mA; **Power consumption:** 4.25 Watts (Ready); 1.90 Watts (Sleep); 0.175 Watts (Off)
Acoustics	**Acoustic power emissions:** 6.0 B(A) color printing at 3 ppm; **Acoustic pressure emissions:** 49 dB(A) color printing at 3 ppm
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:** 20 to 80% RH (non-condensing); **Recommended humidity operating range:** 25 to 75% RH (non-condensing)
Accessories	None
HP Service and Support options	U6M26E - HP 2y NBD Advance Exchange Envy L SVC; U6M27E - HP 3y NBD Advance Exchange Envy L SVC; U6M28E - HP 4y NBD Advance Exchange Envy L SVC
Country of origin	Thailand(B1H)

Learn more at
hp.com

[1] Dimensions vary as per configuration [2] Weight varies as per configuration [3] Power measurements are based on ENERGY STAR® OM test procedure with 230 VAC, 50 Hz input. [4] 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®. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps). [5] Speed specifications have been updated to reflect current industry testing methods. [6] Either after first page or after first set of ISO test pages. For details see http://www.hp.com/go/printerclaims . [7] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. [8] 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

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February 2026