Data sheet

HP Envy 6520 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]

Highlights

- 35-page automatic document feeder
- Automatic 2-sided printing, including photos
- HP's true-to-screen technology
- 10 black / 7 colour ppm
- 100-sheet input tray
- Reliable, dual-band Wi-Fi®
- Intuitive colour touchscreen
- Instant Ink ready
- Effortless setup with the HP app

Vibrant prints that match your screen[3]

- HP's true-to-screen technology ensures colours look just like they do on your display.[3]
- Updated ink technology for consistent printing, delivering outstanding prints every time.[7,8]
- 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 your phone or laptop with the HP app.[2]
- Smoothly navigate printing with HP's most intuitive colour 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.

Made with at least 60% recycled plastic[5]

- A sleek, versatile printer made with at least 60% recycled plastic.[5]

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

Footnotes

[1] HP Envy 6500 printers have HP's latest and most intuitive colour touchscreen technology, compared to HP's current printer display technology and self-healing Wi-Fi. 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 colour variations due to unsupported formats or third-party conversions. Features may vary by device and app version.
[4] Requires optional HP AI software to use artificial intelligence (AI). Certain HP AI features are available in English only, and may vary by printer model/country, and between desktop/mobile applications. Requires HP app or HP Easy Start and being signed into your HP account or Smart Admin account. Internet access is required. Some features may be beta apps. HP reserves the right to charge for these and additional services in the future in accordance with the HP AI Terms of Service https://support.hp.com/us-en/document/ish_12637390-12637445-16 .To learn more, visit hp.com/HP_AI .
[5] Recycled plastic is expressed as a percentage of the total weight of plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2.
[6] 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 colour 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.
[7] Compared to previous Original HP 305 Ink Cartridges.
[8] Compared to previous generation Original HP 305 Ink Cartridges as of May 2024, Original HP 308/308e Ink Cartridges have a more robust printhead design that stands up to accidental drops, corrosion, and improved reliability performance.
[9] Excludes first set of ISO test pages. For details, see: www.hp.com/go/printerclaims .

Technical specifications

Functions	Print, copy, scan, mobile fax
Print technology	HP Thermal Inkjet
Print speed[6]	**Black (A4, ISO):** Up to 10 ppm; **Colour (A4, ISO):** Up to 7 ppm; **Draft black (A4):** Up to 20 ppm; **Draft colour (A4):** Up to 17 ppm;
First page out	**Black (A4, ready):** As fast as 19 sec; **Colour (A4, ready):** As fast as 22 sec
Print resolution	**Black (best):** Up to 1200 x 1200 rendered dpi (when printing from a computer); **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[7]	Up to 1000 pages A4; **Recommended monthly page volume**[8]: 100 to 400
Standard print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); PJL (Printer Job Language); URF (AirPrint)
Print area	**Print margins:** Top: 3 mm, Bottom: 3 mm, Left: 3 mm, Right: 3 mm;
Borderless printing	Yes (up to 8.5 x 12 in, 216 x 305mm)
Number of supplies	2 (1 each black, tri-color)
Multitasking supported	No
Duplex printing	Automatic
Copy speed[5]	**Black (A4, ISO):** Up to 8 cpm; **Colour (A4, ISO):** Up to 3.5 cpm
Copier specifications	**Copier settings:** Color, mono; **Maximum number of copies:** Up to 99 copies; **Copy resolution:** Up to 300 x 300 dpi; **Reduce/Enlarge:** Via HP app
Scan file format	JPG; Basic PDF; PNG; TIF; HEIF
Scanner specifications	**Scanner type:** Flatbed, ADF; **Scan input modes:** Mobile, HP Scan Software, HP App; **Twain version:** Version 2.4; **Scan size maximum (flatbed):** 216 x 297 mm; **Scan size maximum (ADF,metric):** 216 x 356 mm; **Optical scan resolution:** Up to 1200 dpi
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
Scannable area	**Maximum media size (flatbed):** 216 x 297 mm; **Maximum media size (ADF):** 216 x 356 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	**Standard:** 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
Fax	Yes, mobile fax (send only)
Processor speed	800 MHz
Connectivity	**Standard:** 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11a/b/g/n/ac, dual band
Wireless	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
Network capabilities	Built-in Wi-Fi 802.11a/b/g/n/ac
Memory	**Standard:** 256 MB DDR3
Number of paper trays	**Standard:** 1
Media types	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 size	**Custom (metric):** Simplex: 76.2 x 127 mm to 216 x 304.8 mm; Duplex: 76.2 x 127 mm to 216 x 297 mm **Supported (metric):** A4; A5; B5; DL envelope; C6 envelope, A6, 10 x 15 cm
Media weight, supported	Plain Paper: 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
Input capacity	**Standard:** Up to 100 sheets **ADF:** Standard, 35 Sheets **Envelopes:** Up to 10 envelopes
Output capacity	**Standard:** Up to 25 sheets **Envelopes:** Up to 5 envelopes **Cards:** Up to 10 cards
Compatible operating systems	Windows 11; Windows 10; Windows Server; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux; Chrome OS
Minimum system requirements	**Windows:** 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
Software included	HP Printer Software
Printer dimensions (W x D x H)[1]	**Minimum:** 433 x 361 x 171 mm; **Maximum:** 433 x 513 x 179 mm
Package dimensions (W x D x H)	473 x 222 x 409 mm
Printer weight[2]	6.14 kg
Package weight	8.33 kg
Operating environment	**Temperature:** 5 to 40°C **Humidity:** 25 to 75% RH
Storage conditions	**Temperature:** -40 to 60°C **Humidity:** 5 to 90% RH (non-condensing)
Acoustics	**Acoustic power emissions:** 6.0 B(A) color printing at 3 ppm **Acoustic pressure emission:** 49 dB(A) color printing at 3 ppm
Power[3]	**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 ; **Consumption:** 4.25 Watts (Ready); 1.90 Watts (Sleep); 0.175 Watts (Off) ; **Power supply type:** Built-in Universal Power Supply
Certifications	CISPR 32:2012 / EN 55032:2012 Class B CISPR 32:2015 / EN 55032:2015 Class B CISPR 24:2010 / EN 55024:2010 CISPR 35:2016 / EN 55035:2017 FCC CFR 47 Part 15 Class B ICES-003, Issue 6 VCCI-CISPR 32:2016 EN 301 489-1 V2.1.1:2017 EN 301 489-17 V3.1.1:2017 IT ECO Declaration; EPEAT® registered **Blue Angel compliant:** No; Please refer to the ECI document
Sustainable impact specifications	At least 60% post-consumer recycled plastic; Recyclable through HP Planet Partners; FSC Certified Packaging
Country of origin	Thailand
Control panel	2.4" (61mm) Diagonal Color Capacitive Touchscreen (320x240)
What's in the box	**C2XR9B:** HP Envy 6520 All-in-One Printer; HP 308 Setup Black Cartridge (~120 pages yield); HP 308 Setup Tri-Color Cartridge (~75 pages yield); Regulatory flyer; Setup guide; Reference guide; Power cord
Inbox Page Yield	Page yield (set-up/inbox cartridges): ~120 pages black, ~75 pages tri-color
Supplies, After market or Supplies, replacement	**6L6S6UE** HP 308 2-Pack Black/Tri-color Original Ink Cartridge Combo (~160 pages black, ~120 pages tri-color) **7FP20UE** HP 308 Tri-color Original Ink Cartridge (~120 pages) **7FP21UE** HP 308 Black Original Ink Cartridge (~160 pages) **7FP22UE** HP 308e EvoMore Black Original Ink Cartridge (~320 pages)
Service and Support	**UG195E** - HP 3 year Care Pack w/Standard Exchange for Envy Printers. All EMEA countries (Except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Slovenia, South Africa, Türkiye) **UG071E** - HP 3 year Care Pack w/Next Day Exchange for Envy Printers. Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK **UH574E** - HP 4 year Care Pack w/Next Day Exchange for Envy Printers. Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK **UG244E** - HP 3 year Care Pack w/Return to Depot Support for Envy Printers. Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, Slovenia, South Africa, Türkiye
Warranty	One-year limited warranty. For more info please visit us at http://support.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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