Data sheet

HP ENVY 4520 All-in-One Printer

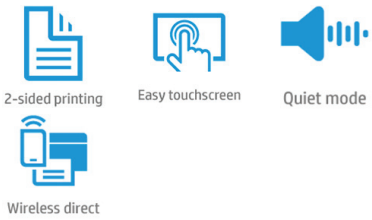
An all-in-one printer for your digital life

Do more with an affordable Instant Ink ready HP ENVY all-in-one – the perfect match for your technology. Save up to 70% on ink[1] and enjoy the easiest way to print from your smartphone or tablet.[2] Get wireless printing and lab-quality photos.



Highlights

- **Print speed:** Up to 9.5 ppm ISO black (A4); Up to 6.8 ppm ISO colour (A4)
- **Paper Handling:** Up to 100 sheets input tray, Up to 25 sheets output tray
- **Connectivity:** Standard 1 Hi-Speed USB 2.0; 1 Wi-Fi 802.11n



You can afford to be creative with HP Instant Ink

- Save up to 70% on ink[1] and never run out ink. Original HP ink. Ordered by your printer, delivered to your door.[3]
- Print colour, black & white, and photos – your cost is the same.
- Ink cartridges and delivery costs included in your monthly plan price.
- No annual fee – change or cancel plans online anytime without penalty.[4]

Easy photo printing from your mobile device

- Your device, your choice. Easily print documents and photos from a variety of smartphones and tablets.[2]
- Start printing and get connected quickly with easy setup from your smartphone, tablet, or PC.[5]
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.[6]
- Manage printing tasks and scan on the go with the free HP All-in-One Printer Remote mobile app.[7]

Everything you need to create

- Print, scan or copy quickly and easily with the 5.5 cm (2.2-inch) display – simply touch and go.
- Save paper and conserve resources – use up to 50% less paper with easy, automatic two-sided printing.
- Print borderless, lab-quality photos, laser-quality documents, scrapbook pages, and more – right in your home.
- Print remotely without worries. The auto-deploying output tray keeps your pages from landing on the floor.

Do more in less space

- Save your space with a sleek, compact all-in-one designed to fit where you need it.
- Print in any room you choose – without causing disruptions – using the optional quiet mode.

HP ENVY 4520 All-in-One Printer

Technical specifications

Functions	Print, copy, scan, photo
Print speed	Up to 9.5 ppm ISO black (A4); Up to 6.8 ppm ISO colour (A4) First page out:As fast as 18 sec black (A4, ready) ;As fast as 20 sec colour (A4, ready)
Print resolution	Up to 1200 x 1200 rendered dpi (when printing from a computer) black; Up to 4800 x 1200 optimised dpi colour (when printing from a computer on selected HP photo papers and 1200 input dpi)
Print technology	HP Thermal Inkjet
Print Area	Print margins: Top: 3.0 mm; Bottom: 3.0 mm; Left: 3.0 mm; Right: 3.0 mm; Maximum print area: 215.9 x 355.6 mm
Print languages	HP PCL 3 GUI
Print capabilities	Borderless printing: Yes (up to 216 x 297 mm)
Print cartridges number	2 (1 each black, tri-colour)
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing
Monthly duty cycle	Up to 1,000 pages (A4); Recommended monthly page volume: 100 to 400
Automatic paper sensor	No
Processor speed	360 MHz
Display	5.5 cm (2.2 in) Hi-Res Mono LCD
Multitasking supported	No
Wireless Capability	Yes, built-in Wi-Fi 802.11b/g/n
Connectivity	Standard 1 Hi-Speed USB 2.0; 1 Wi-Fi 802.11n
Network Capabilities	Yes, via built-in wireless 802.11b/g/n
Memory	Standard 64 MB DDR1; Maximum 64 MB DDR1
Copier settings	Start Black Copy; Start Colour Copy; Number of Copies; 2-sided; Paper Type; Resize; ID Card Copy; Lighter/Darker; Maximum number of copies: 50; Copy resolution: 600 x 300 dpi; Copy resolution, color text and graphics: 600 x 300 dpi; Copier resize: 25 to 400%
Copy speed	Up to 7.5 cpm black ISO (A4), Up to 4 cpm colour ISO (A4)
Scanner specifications	Scanner type: Flatbed; Scan technology: CIS; Scan input modes: Front-panel scan, copy, HP Scan software; Twain version: Version 2.1; Scan size maximum (flatbed, ADF): 216 x 297 mm; Optical scan resolution: Up to 1200 dpi
Scan file format	TIFF, JPEG, PNG, BMP, PDF
Scan speed	4 ppm colour; 8 ppm monochrome (A4)
Scannable area	Maximum media size: 216 x 297 mm
Bit depth/ Greyscale levels	24-bit/ 256
Digital sending	Standard: Scan to file (PDF or JPG); Scan to email (PDF or JPG); Everyday Scan (scan to PDF)
Fax	No
Media types	Plain paper, photo paper, brochure paper
Media sizes	Supported A4; A5; A6; B5; C6; DL; Custom: 76 x 127 to 216 x 356 mm
Media Handling	Input capacity: Up to 100 sheets; Up to 40 cards cards; Up to 30 sheets photo paper Output capacity: Up to 25 sheets, Up to 5 envelopes Maximum: Up to 25 sheets Duplex printing: Automatic (standard)
Paper weight	Supported: A4: 64 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 250 g/m²; HP Premium Plus Photo Paper: up to 300 g/m²

What's in the box	**J6U70B:** HP ENVY 4520 All-in-One Printer; HP 302 Setup Black Ink Cartridge (~155 pages); HP 302 Setup Tri-color Ink Cartridge (~100 pages); Software CD; Setup poster; Power cord; Phone cord; [For ink volume and page yield information, visit http://www.hp.com/go/learnaboutsupplies]
Supplies	**CHP210** HP Printing Paper-500 sht/A4/210 x 297 mm **F6U65AE** HP 302 Tri-color Original Ink Cartridge ~165 pages **F6U66AE** HP 302 Black Original Ink Cartridge ~190 pages **F6U67AE** HP 302XL High Yield Tri-color Original Ink Cartridge ~330 pages **F6U68AE** HP 302XL High Yield Black Original Ink Cartridge ~480 pages **Q5456A** HP Advanced Glossy Photo Paper-25 sht/A4/210 x 297 mm **Q8008A** HP Advanced Glossy Photo Paper-60 sht/10 x 15 cm borderless Approximate yield. Actual yield depends on printer and specific use. See http://www.hp.com/go/pageyield for more information
Compatible operating systems	Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista; OS X El Capitan (v10.11), OS X Yosemite (v10.10), OS X Mavericks (v10.9), OS X v10.8 Mountain Lion
Minimum system requirements	Windows: Windows 10, 8.1, 8, 7: 32-bit/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista: 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8 Mac: Apple OS X El Capitan (v10.11), OS X Yosemite (v10.10), OS X Mavericks (v10.9), 1 GB available hard disk space, Internet required, USB
Software included	HP Printer Software, HP Update, HP Photo Creations
Printer dimensions (W x D x H)	Minimum: 445 x 367 x 128 mm; Maximum: 445 x 564 x 128 mm
Package dimensions (W x D x H)	485 x 168 x 445 mm
Printer Weight	5.41 kg
Package weight	6.45 kg
Operating environment	Temperature: 5 to 40ºC, Humidity: 20% to 80% RH non-condensing
Storage	Temperature: -30 to 60ºC, Humidity: 20% to 80% RH non-condensing
Acoustics	Acoustic power emissions: Print colour, simplex, normal mode, A4 paper: 6.1 B(A); Print monochrome, simplex, normal mode, A4 paper: 6.4 B(A); Print colour, simplex, quiet mode, A4 paper: 5.5 B(A); Print monochrome, simplex, quiet mode, A4 paper: 5.7 B(A); Acoustic pressure emissions: 4.8 B(A) (printing at 6.8 ppm colour); 5.1 B(A) (printing at 9.5 ppm black)
Power	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 0.7 A Consumption: Up to 15 watts (printing), 3.05 watts (ready), 0.55 watts (sleep), 0.13 watts (off) Power supply type: Built-in power supply
Certifications	CISPR 22:2008/EN 55022:2010 (Class B); CISPR 24:2010/EN 55024:2010; EN 301 489-1 v1.9.2:2011; EN 301 489-17 v2.2.1:2012; EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EMC Directive 2004/108/EC with CE Marking (Europe) Energy Star Qualified: Yes
Country of origin	Made in Thailand
Warranty	One-year commercial hardware warranty; 24-hour, 7 days a week Web support
Service and support	**UG187E** HP 3 year Care Pack with Standard Exchange for Multifunction Printers **UG062E** HP 3 year Care Pack with Next Day Exchange for Multifunction Printers **UG235E** HP 3 year Care Pack with Return to Depot Support for Multifunction Printers (UG187E: all EMEA countries, except ME, Africa, South Africa, Israel, Turkey, UG062E: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia, UG235E: ME, Africa, South Africa, Israel, Turkey)

Footnotes

[1]Savings based on HP Instant Ink service 300 page plan savings of up to 80% (savings for 100 page plan up to 75% and 50 page plan up to 70%,) based on 12 months and use of all pages in plan without purchase of additional sets of pages compared to an average cost per page (CPP) to print ISO/IEC 24711 pages on a selection of colour inkjet printers less than £200 using standard capacity cartridges as reported by IDC in Q2 2015. Survey based upon indicative manufacturers' supplies pricing as reported by GfK as of June 2015 and page yield listed on original manufacturer website as of October 2015. For further details please refer to www.hp.com/go/ukcompare. All prices include VAT. ISO yield based on continuous printing in default mode. Actual savings may vary depending on number of pages actually printed per month and content of pages printed. For more information on ISO standards: hp.com/go/pageyield.; [2] In comparison to the majority of consumer/home office inkjet all-in-one printers < £200 as of Nov 2014 based on market share as reported by IDC. App download required for printer setup. HP ePrint account registration may be required. Wireless operations are compatible with 2.4 GHz operations only. See hp.com/go/mobileprinting for more details.; [3] Ordered by your printer when needed subject to customer internet connection. Availability may vary in exceptional circumstances. Express deliveries available via Support Services at hp.com/go/instantinksupport or by calling 0207 660 0596 if you use more ink than anticipated.; [4] Change or cancel your plan at anytime online. If you decide to cancel your HP Instant Ink plan you can go back to using HP original Standard or XL cartridges. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to instantink.hpconnected.com/uk/en/terms.; [5] Requires HP All-in-One Printer Remote mobile app download and is compatible with iPhone® 4 and later, iPad® fourth generation, iPad mini™, iPad Air®, iPod®, and mobile devices using Android™ 4.0.3 or later. For a full list of supported operating systems, see hp.com/go/mobileprinting.; [6] Mobile device needs to be connected directly to the Wi-Fi Direct signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Depending on mobile device, a free app or driver may also be required. For details, see hp.com/go/mobileprinting.; [7] Compatible with iPhone® 4 and later, iPad® fourth generation, iPad mini™, iPad Air®, iPod® 5G using iOS 7 or later, and mobile devices using Android™ 4.0.3 or later. Features controlled may vary by mobile device operating system. For mobile scanning, device camera requires 5 megapixels or greater with autofocus capability.

Windows 10 Mac ENERGY STAR HI-SPEED USB CERTIFIED bgn Wi Fi CERTIFIED mopria ePrint AirPrint

http://www.hp.com/uk

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