Wireless, Print, Scan, Copy, Photo and Send Mobile Fax

HP ENVY Pro 6420 All-In-One Printer

Handle it all from home. Print, scan, and copy everyday documents and more, and get a 35-page auto document feeder. Set up and connect on any device,[1] and get self-healing Wi-Fi™.[2]

Loaded with everything. Except complications.

- Work fast and hands-free—the 35-page auto-feeder helps you complete scan and copy jobs quickly.

- Easily print, scan, and copy everyday documents from your smartphone, using HP Smart app.[1]

- Save time by sending a mobile fax from your smartphone, tablet, or PC for 24 months, with HP Smart app.[5]

- Easily handle tasks and get a lot from one device – print, scan, and copy.

Print then and there. From anywhere.[1]

- Get started fast with simple setup that guides you through each step, using HP Smart app.[1]

- Self-healing Wi-Fi™ automatically detects and resolves connectivity issues to help reduce interruptions.[2]

- Tap the Smart Tasks shortcut in HP Smart app for a shortcut on your phone.[1] Scan to cloud, email, and more.

- Get connected with Bluetooth® and start printing fast from your smartphone or tablet – easy setup.[3]

Quality you can count on

- Get rich black text and vibrant graphics for all your everyday and business documents and photos.

- Print more pages and change cartridges less often with Original HP high-yield cartridges.[4]

Technical specifications

AIO functions	Wireless, Print, Scan, Copy, Photo and Send Mobile Fax
Print	
Technology	HP Thermal Inkjet
Duplex print options	Automatic (standard)
Speed[1]	**Black**: Up to 20 ppm (draft, A4); Up to 10 ppm (ISO, laser-comparable); **Colour**: Up to 17 ppm (draft, A4); Up to 7 ppm (ISO, laser-comparable); **Colour Photo** (normal, Photo Paper, 10x15 cm): As fast as 53 seconds
First page out (A4, ready)	**Black**: As fast as 18 seconds; **Colour**: As fast as 21 seconds
Resolution	**Black (best)**: Up to 1200 x 1200 rendered dpi (when printing from a computer); **Colour (best)**: Up to 4800 x 1200 optimized dpi colour (when printing from a computer on selected HP photo papers and 1200 input dpi)
Borderless printing	Yes (up to 210 x 297 mm)
Mobile printing capability[2]	HP Smart app; Apple AirPrint™; Mopria™-certified
Cartridges	2 (1 each black, tri-colour)
Language	HP PCL 3 GUI
Scan	
Type	Flatbed, ADF
Speed	Up to 7 ipm (b&w), 3 ipm (colour)
Technology	Contact Image Sensor (CIS)
Resolution	**Optical**: Up to 1200 dpi; **Hardware**: Up to 1200 dpi; **Enhanced**: Up to 1200 x 1200 dpi (Flatbed). The maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.
Max scanning size	**Flatbed**: 216 x 297 mm
Input modes	Mobile, HP Scan Software, HP Smart
Grayscale levels	256
Bit depth	24-bit
File format	RAW, JPG, PDF
Twain version	2.1
Auto document feeder capacity	Standard, 35 Sheets
Copy	
Speed[3]	**Black**: Up to 8 cpm (ISO, laser-comparable); **Colour**: Up to 4 cpm (ISO, laser-comparable)
Resolution	**Black (text and Graphics)**: Up to 300 x 300 dpi; **Colour (text and graphics)**: Up to 300 x 300 dpi
Max number of copies	Up to 9 copies
Copier reduce/enlarge	25 to 200%
Copier Settings	Colour, mono
Send Mobile Fax	
Speed[11]	14.4 kbps
Resolution	**Black (best)**: Up to 150 x 150 dpi; **Black (standard)**: 150 x 150 dpi; **Black and White (fine)**: 150 x 150 dpi; **Colour (fine)**: 150 x 150 dpi; **Colour (standard)**: 150 x 150 dpi
Fax Smart Software Features	Option to add files from your phone file/photos, Camera scan or Printer scanner, Option to easily add cover page and save the cover page template, Access to Fax history to see all send faxes and drafts, Ability to edit and resend fax from History, Easily print fax confirmation
Features	**Faxing options (ADF)**: Single-sided; **Auto fax reduction supported**: No; **Fax Auto-Redialling**: Yes; **Fax forwarding supported**: Yes; **Fax telephone mode supported**: No; **Fax phone TAM interface supported**: No; **Fax polling supported**: Yes; **Remote Retrieval Capability Supported**: Yes (with HP Smart app using mobile device); **PC interface supported**: Yes, using HP Smart app for Desktop
Control panel	Smart contextual user interface - Cap Sense buttons: Monochrome & Colour Copy, Information, Cancel and Accept. ADF paper Jam and Wi-Fi notification icons
Processor speed	800 MHz
Media	
Supported sizes	A4; A5; B5; DL; C6; A6
Recommended weights	75 g/m²
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
Paper handling	**Input**: 100 sheets input tray; **Output**: 25-sheet output tray
Duty Cycle (monthly, A4)[4]	Up to 1,000 pages
Recommended monthly page volume[5]	Up to 100 to 400 pages
Operating system compatibility	Windows 10, 7; MacOS Sierra v10.12 (previously OS X), macOS High Sierra v10.13, macOS Mojave v10.14, macOS Catalina v10.15
Minimum system requirements	**PC**: Windows 10, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer; **Mac**: MacOS Sierra v10.12 (previously OS X), macOS High Sierra v10.13, macOS Mojave v10.14, macOS Catalina v10.15, 2 GB Available Space, Internet Access
Connectivity	
Connectivity	1 Hi-Speed USB 2.0; 1 Wi-Fi 802.11ac (dual band)
Network capabilities	Built-in Wi-Fi 802.11b/g/n
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n
Dimensions (W x D x H)[6]	432.5 x 361.1 x 174 mm
Weight[7]	6.16 kg
Environmental	
Acoustics	**Acoustic power emissions (active, printing)**: 6.4 B(A); **Acoustic power emissions (active copy)**: 6.5 B(A); **Acoustic pressure emissions**: 55 dB(A) (printing at 5 ppm)
Operating environment	**Operating temperature range**: 5 to 40° C; **Recommended operating temperature range**: 15 to 30° C; **Operating humidity range**: 20 to 80% RH (non-condensing); **Non-operating humidity range**: 20 to 80% RH (non-condensing); **Storage temperature range**: -40 to 60℃
Power specifications	**Power supply type**: Built-in Universal Power Supply; **Power supply required**: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz, 0.7A; **Power consumption**[8]: 0.10 Watts (Off), 4.0 Watts (Ready), 1.70 Watts (Sleep); **Typical electricity consumption (TEC) number**: 0.31 kWh/Week
What's in the box	HP ENVY Pro 6420 All-in-One Printer; Setup Black & Tri-colour Cartridges; Regulatory flyer; Setup guide; Reference guide; Power cord [For ink volume and page yield information, visit hp.com/go/learnaboutsupplies]
Warranty	One-year limited hardware warranty; 24-hour, 7 days a week support

Ordering information

Number	Description
5SE46A	HP ENVY Pro 6420 All-in-One Printer (HK)
6WD14A	HP ENVY Pro 6420 All-in-One Printer (TW)

Replacement cartridges[9]

Number	Description
3YM56AA	HP 67 Black Original Ink Cartridge
3YM57AA	HP 67XL Black Original Ink Cartridge
3YM59AA	HP 67XXL Black Original Ink Cartridge
3YM55AA	HP 67 Tri-colour Original Ink Cartridge
3YM58AA	HP 67XL Tri-colour Original Ink Cartridge

Recommended Papers[10]

Number	Description
9RR49A	HP Advanced Photo Paper, Glossy, 10 x 15 cm, 100 sheets, 250 gsm
9RR50A	HP Advanced Photo Paper, Glossy, 10 x 15 cm, 50 sheets, 250 gsm
9RR51A	HP Advanced Photo Paper, Glossy, A4, 20 sheets, 250 gsm

Please visit hp.com/apac/paper for more details.

HP Care Packs

Ensure your technology investment is protected, so you can relax and concentrate on what you care about. Find the right Care Pack for you at hp.com/go/cpc. Simply visit hp.com/go/support, or chat with us online at hp.com/go/ispe, or call for technical phone support within your warranty period to speak with our friendly experts. For more information on Care Packs, visit hp.com/apac/homeservices

Number	Description
UG295E	HP 2-year return multifunction printer - E Svc
UG235E	HP 3-year return multifunction printer - E Svc
UG367E	HP 2-year Pickup Return multifunction printer -E Svc
UG337E	HP 3-year Pickup Return multifunction printer -E Svc
UG457E	HP 3-year Onsite Exchange multifunction printer - E Svc
UG487E	HP 2-year Onsite Exchange multifunction printer - E Svc
UG092E	HP 2-year Next Business Exchange multifunction printer - E SVC
UG062E	HP 3-year Next Business Exchange multifunction printer - E SVC
U6N05E	HP Installation w/nw Consumer printer SVC

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Windows 10   Mac

[1] Either after first page or after first set of ISO test pages. For details see hp.com/go/printerclaims
[2] Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see hpconnected.com. HP ePrint requires account registration, HP ePrint-enabled printer, Internet connection, and a wireless-enabled mobile device or Internet-connected computer with email capability. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. AirPrint supports OS X® Lion, OS X® Mountain Lion and the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later) and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows is a trademark of the Microsoft group of companies. BlackBerry® names and logos are the property of Research in Motion Limited. Android is a trademark of Google Inc.
[3] Speed specifications have been updated to reflect current industry testing methods.
[4] 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.
[5] 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
[6] Dimensions vary as per configuration
[7] Weight varies as per configuration
[8] Power measurements are based on ENERGY STAR® OM test procedure with 230 VAC, 50 Hz input.
[9] Approximate yield. Actual yield depends on printer and specific use. See hp.com/go/pageyield for more information.
[10] Available in selected countries only.
[11] Set by Fax service Provider.