

Wireless, Print, Scan and Copy



# HP ENVY 5020 All-in-One Printer

Get affordable prints and increased versatility. Set up, connect, and print right from your smartphone,<sup>1</sup> and produce high-quality photos and everyday documents with low-priced ink cartridges. Print, scan, and copy with ease.



## Wireless connectivity you can count on

- Get simple Wi-Fi® setup in less than a minute, and start printing fast.<sup>3</sup>
- Have confidence in your connection with steady performance from dual band Wi-Fi.<sup>2</sup>
- Scan on the go, print from social media and the cloud, and easily order ink, with the HP Smart app.<sup>4</sup>
- Easily print from a variety of smartphones and tablets.<sup>1</sup>



## Low-priced ink, high-quality innovation

- Print all the photos and documents you need for a great value with HP's low-priced ink cartridges.
- Make an impression with Original HP ink cartridges – designed to deliver vivid color and crisp, sharp text.
- Create high-quality borderless photos and flyers – right in your home.



## Quick and easy. Print. Scan. Copy.

- Print scan, and copy with fast speeds, and keep tasks moving.
- Speed through multipage print jobs with automatic two-sided printing.
- Create timesaving shortcuts and easily print, scan, and copy directly at the printer.

<sup>1</sup> For details on local printing requirements see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). <sup>2</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi is a registered trademark of Wi-Fi Alliance®. <sup>3</sup> Based on internal HP testing. Average timing estimate based on plugged-in printer and downloaded HP Smart app. Printer and mobile device must be able to connect to wireless network. Mobile device needs to support Bluetooth v4.0+ and be enabled. Performance varies depending on user network connection and other factors. For details on Bluetooth® Smart see [hp.com/go/bleprinting](http://hp.com/go/bleprinting). Bluetooth is a trademark owned by its proprietor and used by HP under license. For details on local printing requirements see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). <sup>4</sup> Requires the HP Smart app download. Features controlled may vary by mobile device operating system. Full list of supported operating systems and details at [support.hp.com/us-en/document/c03561640](http://support.hp.com/us-en/document/c03561640). For details on local printing requirements see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting).

## Technical specifications

<b>AIO functions</b>	Wireless, Print, Scan and Copy
<b>Print</b>	
Technology	HP Thermal Inkjet
Speed <sup>1</sup>	<b>Black:</b> Up to 20 ppm (draft, A4); Up to 10 ppm (ISO, laser-comparable); <b>Colour:</b> Up to 17 ppm (draft, A4); Up to 7 ppm (ISO, laser-comparable); <b>Colour Photo (normal, Photo Paper, 10x15 cm):</b> As fast as 52 seconds
First page out (A4, ready) <sup>2</sup>	<b>Black:</b> As fast as 16 seconds; <b>Colour:</b> As fast as 19 seconds
Resolution	<b>Black (best):</b> Up to 1200 x 1200 rendered dpi (when printing from a computer); <b>Colour (best):</b> Up to 4800 x 1200 optimised dpi colour (when printing from a computer on selected HP photo papers and 1200 input dpi)
Borderless printing	Yes (up to 216 x 297 mm)
HP ePrint capability	Yes
Mobile printing capability <sup>3</sup>	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing
File formats	PDF; BMP; PNG; TIF; JPG
<b>Scan</b>	
Type	Flatbed
Technology	Contact Image Sensor (CIS)
Speed	3 ppm colour 7 ppm mono
Resolution <sup>4</sup>	<b>Enhanced/hardware:</b> Up to 1200 x 1200 dpi
Max scanning size	<b>Flatbed:</b> 216 x 297 mm
Input modes	Front Panel, HP Scan software, Mobile app
Grayscale levels	256
Bit depth	24-bit
File format	RAW, JPEG, PDF
<b>Copy</b>	
Speed	<b>Black:</b> Up to 8 cpm (ISO, laser-comparable); <b>Colour:</b> Up to 4 cpm (ISO, laser-comparable)
Resolution	<b>Black (text and Graphics):</b> 600 x 300 dpi; <b>Colour (text and graphics):</b> 600 x 300 dpi
Copier reduce/enlarge	25 to 400%
Copier settings	Start Black Copy, Start Color Copy, Number of Copies, 2-sided, Paper Type, Resize, ID Card Copy, Lighter/Darker
<b>Display</b>	5.58 cm (2.2") Capacitive touchscreen monochrome graphics
<b>Processor speed</b>	800 MHz
<b>Media</b>	
Duplex print options	Automatic (standard)
Supported sizes	A4; A5; B5; DL; C6; A6
Recommended weights	70 to 250 g/m <sup>2</sup>
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	<b>Input:</b> 100 sheets input tray; <b>Output:</b> 25-sheet output tray
<b>Memory</b>	256 MB DDR3L Memory
<b>Operating system compatibility</b>	Microsoft® Windows® 10, 8.1, 8, 7; Windows Vista 64-bit; Windows Vista® 32-bit; OS X v10.10 Yosemite; OS X v10.11 El Capitan; macOS Sierra v10.12 (previously OS X); Windows® XP (32-bit) SP2; Windows Server 2008 32-bit (SP1 or greater); Windows Server 2008 64-bit (SP1 or greater); 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
<b>Minimum system requirements</b>	<b>PC:</b> Microsoft® Windows 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer.; <b>Mac:</b> OS X v10.10 Yosemite, OS X v10.11 El Capitan, OS X v10.12 Sierra, 1 GB HD, Internet
<b>Connectivity</b>	
Connectivity	1 Hi-Speed USB 2.0; 1 WiFi 802.11n (dual band)
Network capabilities	Yes, via dual band (2.4/5GHz) wireless 802.11b/g/n
Wireless capability	Yes
Supported network protocols	TCP/IP
<b>Dimensions (W x D x H)<sup>5</sup></b>	445 x 367 x 128 mm
<b>Weight<sup>6</sup></b>	5.41 kg
<b>Environmental</b>	
Operating environment	<b>Operating temperature range:</b> 5 to 40° C; <b>Recommended operating temperature range:</b> 15 to 32° C; <b>Operating humidity range:</b> 20 to 80% RH non-condensing; <b>Non-operating humidity range:</b> 20 to 80% RH non-condensing; <b>Storage temperature range:</b> -40 to 60° C
<b>Power specifications</b>	<b>Power supply type:</b> Built-in Universal Power Supply; <b>Power supply required:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); <b>Power consumption<sup>7</sup>:</b> Up to 14 watts (Printing), 3.75 watts (Ready), 0.89 watts (Sleep), 0.11 watts (Off)
<b>What's in the box</b>	HP ENVY 5020 All-in-One Printer; Setup cartridges; Ink Caution Flyer; Power Cord; Setup card; Getting started guide
<b>Warranty</b>	One-year limited hardware warranty; 24-hour, 7 days a week limited phone support

## Ordering information

Number	Description
Z4A69A	HP ENVY 5020 All-in-One Printer
<b>Replacement cartridges<sup>8</sup></b>	
Number	Description
N9K01AA	HP 65 Tri-colour Original Ink Cartridge (~100 pages)
N9K02AA	HP 65 Black Original Ink Cartridge (~120 pages)
N9K03AA	HP 65XL Tri-colour Original Ink Cartridge (~300 pages)
N9K04AA	HP 65XL Black Original Ink Cartridge (~300 pages)

Number	Description
C6818A	HP Professional Inkjet Paper, Glossy, A4, 50 sheets, 180 gsm
Q6593A	HP Professional Inkjet Paper, Matte, A4, 200 sheets, 120 gsm

Please visit [hp.com/apac/paper](http://hp.com/apac/paper) for more details.

### HP Care Packs

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Number	Description
UG063E	HP 3-year Next Business Exchange Multifunction Printer - M SVC
UG458E	HP 3-year Onsite Exchange Multifunction Printer - M SVC
UG338E	HP 3-year Pickup Return Multifunction Printer - M SVC
UG236E	HP 3-year Return Multifunction Printer - M SVC

### HP Inc offices

Australia	(613) 8833 5000	<a href="http://hp.com.au">hp.com.au</a>
Hong Kong	(852) 3559 7777	<a href="http://hp.com.hk">hp.com.hk</a>
New Zealand	(09) 918 9555	<a href="http://hp.co.nz">hp.co.nz</a>
Singapore	(65) 6275 3888	<a href="http://hp.com.sg">hp.com.sg</a>
Taiwan	(02) 8722 9000	<a href="http://hp.com.tw">hp.com.tw</a>
Japan	(81) 356281101	<a href="http://hp.com/jp">hp.com/jp</a>

For more information, please visit us at [hp.com/apac/homeandoffice](http://hp.com/apac/homeandoffice)

### HP SureSupply<sup>9</sup>

Discover how HP SureSupply redefines convenience in purchasing printer cartridge supplies online.

To order online, please visit [hp.com/apac/oac](http://hp.com/apac/oac) for more details.<sup>9</sup>



<sup>1</sup> Speed specifications have been updated to reflect current industry testing methods.

<sup>2</sup> Either after first page or after first set of ISO test pages. For details see [hp.com/go/printerclaims](http://hp.com/go/printerclaims)

<sup>3</sup> Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 and 5GHz routers; 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](http://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.

<sup>4</sup> The maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.

<sup>5</sup> Dimensions vary as per configuration

<sup>6</sup> Weight varies as per configuration

<sup>7</sup> Power measurements are based on ENERGY STAR® OM test procedure with 230 VAC, 50 Hz input.

<sup>8</sup> Approximate yield. Actual yield depends on printer and specific use. See [hp.com/go/pageyield](http://hp.com/go/pageyield) for more information.

<sup>9</sup> Available in selected countries only.

