



## HP ENVY 6020e Wireless All-in-One Color Printer, Instant Ink; Copier, Scanner



**Brand :** HP

**Product family:** ENVY

**Product code:** 223N4B

**Product name :** Envy 6020e  
Wireless All-in-One Color Printer,  
Instant Ink; Copier, Scanner

- Wireless; HP+; HP Instant Ink eligible; Print from phone or tablet
- Print, copy, scan
- Print speed up to 10 ppm (black) and 7 ppm (colour)
- Up to 1200X 1200 rendered dpi (when Printing from a computer)

Envy 6020e AiO Printer

HP ENVY 6020e Wireless All-in-One Color Printer, Instant Ink; Copier, Scanner. Print technology: Thermal inkjet, Printing: Colour printing, Maximum resolution: 4800 x 1200 DPI, Print speed (colour, normal quality, A4/US Letter): 7 ppm. Copying: Colour copying, Maximum copy resolution: 300 x 300 DPI. Scanning: Colour scanning, Optical scanning resolution: 1200 x 1200 DPI. Duplex functions: Print. Maximum ISO A-series paper size: A4. Wi-Fi. Product colour: Grey

Printing		Network	
Duplex printing mode	Auto	Bluetooth	✓
Print resolution colour	4800 x 1200 DPI	Mobile printing technologies	Apple AirPrint, Mopria Print Service
Print resolution black	1200 x 1200 DPI	Performance	
Print technology *	Thermal inkjet	Memory type	DDR3
Printing *	Colour printing	Maximum internal memory	256 MB
Duplex printing *	✓	Card reader integrated	✗
Maximum resolution *	4800 x 1200 DPI	Internal memory *	256 MB
Print speed (black, normal quality, A4/US Letter) *	10 ppm	Built-in processor	✓
Print speed (colour, normal quality, A4/US Letter)	7 ppm	Processor frequency	800 MHz
Print speed (black, draft quality, A4/US Letter)	20 ppm	Sound power level (printing)	6.5 dB
Print speed (colour, draft quality, A4/US Letter)	17 ppm	Design	
Print speed (ISO/IEC 24734) black	10 ppm	Product colour *	Grey
Print speed (ISO/IEC 24734) colour	7 ppm	Colour name	Cement
Time to first page (black, normal)	18 s	Market positioning *	Home & office
Time to first page (colour, normal)	21 s	Built-in display *	✗
Print margins (top, bottom, right, left)	3 mm	Power	
Borderless printing	✓	Power consumption (PowerSave)	0.15 W
Copying		Power consumption (ready)	4 W
Duplex copying *	✓	Power consumption (sleep)	1.7 W
Copying *	Colour copying	Power consumption (off)	0.15 W
Maximum copy resolution *	300 x 300 DPI	Energy Star Typical Electricity Consumption (TEC)	0.31 kWh/week
Copy speed (black, normal quality, A4)	8 cpm	AC input voltage	100 - 240 V
Copy speed (colour, normal quality, A4)	4 cpm	AC input frequency	50/60 Hz
Maximum number of copies	9 copies	Brand-specific features	
Auto fit function	✓	HP Instant Ink	✓
Scanning		HP Dynamic security	✓
Duplex scanning *	✗	HP GTIN (EAN/UPC)	195161624926
Scanning *	Colour scanning	System requirements	
Optical scanning resolution *	1200 x 1200 DPI	Windows operating systems supported	Windows 11, Windows 10, Windows 7
Maximum scan resolution	1200 x 1200 DPI	Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.12 Sierra, Mac OS X 11.0 Big Sur, Mac OS X 13.0 Ventura, Mac OS X 10.15 Catalina
Maximum scan area	216 x 297 mm	Other operating systems supported	ChromeOS

Scanning		Operational conditions	
Scanner type *	Flatbed scanner	Operating relative humidity (H-H)	15 - 80%
Scan technology	CIS	Storage temperature (T-T)	-40 - 60 °C
Scan to	Software	Operating temperature (T-T)	5 - 40 °C
Image formats supported	BMP, JPEG, PNG, TIFF	Non-operating relative humidity (non-condensing)	20 - 80%
Document formats supported	PDF	Storage relative humidity (H-H)	20 - 80%
Input colour depth	24 bit	Operating altitude	0 - 3000 m
Greyscale levels	256		
Scan drivers	TWAIN		
TWAIN version	2.1		
Fax			
Modem speed	14.4 Kbit/s		
Auto-redialing	✗	Certification	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
Fax forwarding	✓		
Fax delayed sending	✗		
Auto reduction	✗		
Features			
Recommended duty cycle	100 - 400 pages per month		
Maximum duty cycle *	1000 pages per month		
Duplex functions *	Print		
Number of print cartridges *	2		
Printing colours *	Black, Cyan, Magenta, Yellow		
Page description languages	PCL 3 GUI		
All-In-One-multitasking	✓		
Country of origin	China, Thailand, Vietnam		
	HP 305 Black Original Ink Cartridge (~120 pages yield) 3YM61AE; HP 305XL Black High-Yield Original Ink Cartridge (~240 pages yield) 3YM62AE; HP 305 Tri-Color Original Ink Cartridge (~100 pages yield) 3YM60AE; HP 305XL Tri-Color High-Yield Original Ink Cartridge (~200 pages yield) 3YM63AE. Actual yield varies considerably based on content of printed pages and other factors. For details see <a href="https://www.hp.com/go/learnaboutsupplies">https://www.hp.com/go/learnaboutsupplies</a>		
Replacement cartridges			
HP segment	Home		
Input & output capacity			
Total number of input trays *	1		
Total input capacity *	100 sheets		
Total output capacity *	25 sheets		
Maximum number of input trays	1		
Maximum input capacity	100 sheets		
Maximum output capacity	25 sheets		
Paper handling			
Maximum ISO A-series paper size *	A4		
Paper tray media types *	Glossy paper, Matte paper, Photo paper, Plain paper, Recycled paper, Thick paper		
ISO A-series sizes (A0...A9) *	A4, A5, A6		
ISO B-series sizes (B0...B9)	B5		
ISO C-series sizes (C0...C9)	C6		
Envelopes sizes	B5, C6, DL		
Borderless printing media sizes	A4, Letter		
Custom media width	76.2 - 216 mm		
Custom media length	127 - 297 mm		
Paper tray media weight	60 - 300 g/m²		
Ports & interfaces			
USB port	✓		
USB 2.0 ports quantity	1		
Network			
Wi-Fi *	✓		
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Network		Other features	
Ethernet LAN *	×	Pallet dimensions (W x D x H)	1219 x 1016 x 2585 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Recommended system requirements	Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
		PictBridge	×
		Pallet weight (imperial)	553.8 kg (1221 lbs)
		Number of print heads	2
		Manufacturer warranty	Up to 2 years HP Warranty. 24-hour, 7 days a week Web support;



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