HP

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)
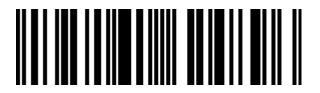Envy 6020e AiO Printer
HP ENVY 6020e Wireless All-in-One Color Printer, Instant Ink; Copier, Scanner. Print technology: Thermal inkjet, Printing: Colour printing, Maximum resolution: 4800 x 1200 DPI, Print speed (colour, normal quality, A4/US Letter): 7 ppm. Copying: Colour copying, Maximum copy resolution: 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

Duplex printing mode	Auto
Print resolution colour	4800 x 1200 DPI
Print resolution black	1200 x 1200 DPI
Print technology *	Thermal inkjet
Printing *	Colour printing
Duplex printing *	✔
Maximum resolution *	4800 x 1200 DPI
Print speed (black, normal quality, A4/US Letter) *	10 ppm
Print speed (colour, normal quality, A4/US Letter)	7 ppm
Print speed (black, draft quality, A4/US Letter)	20 ppm
Print speed (colour, draft quality, A4/US Letter)	17 ppm
Print speed (ISO/IEC 24734) black	10 ppm
Print speed (ISO/IEC 24734) colour	7 ppm
Time to first page (black, normal)	18 s
Time to first page (colour, normal)	21 s
Print margins (top, bottom, right, left)	3 mm
Borderless printing	✔

Copying

Duplex copying *	✔
Copying *	Colour copying
Maximum copy resolution *	300 x 300 DPI
Copy speed (black, normal quality, A4)	8 cpm
Copy speed (colour, normal quality, A4)	4 cpm
Maximum number of copies	9 copies
Auto fit function	✔

Scanning

Duplex scanning *	✘
Scanning *	Colour scanning
Optical scanning resolution *	1200 x 1200 DPI
Maximum scan resolution	1200 x 1200 DPI
Maximum scan area	216 x 297 mm

Network

Bluetooth	✔
Mobile printing technologies	Apple AirPrint, Mopria Print Service

Performance

Memory type	DDR3
Maximum internal memory	256 MB
Card reader integrated	✘
Internal memory *	256 MB
Built-in processor	✔
Processor frequency	800 MHz
Sound power level (printing)	6.5 dB

Design

Product colour *	Grey
Colour name	Cement
Market positioning *	Home & office
Built-in display *	✘

Power

Power consumption (PowerSave)	0.15 W
Power consumption (ready)	4 W
Power consumption (sleep)	1.7 W
Power consumption (off)	0.15 W
Energy Star Typical Electricity Consumption (TEC)	0.31 kWh/week
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Brand-specific features

HP Instant Ink	✔
HP Dynamic security	✔
HP GTIN (EAN/UPC)	195161624926

System requirements

Windows operating systems supported	Windows 11, Windows 10, Windows 7
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
Other operating systems supported	ChromeOS

Scanning

Scanner type *	Flatbed scanner
Scan technology	CIS
Scan to	Software
Image formats supported	BMP, JPEG, PNG, TIFF
Document formats supported	PDF
Input colour depth	24 bit
Greyscale levels	256
Scan drivers	TWAIN
TWAIN version	2.1

Fax

Modem speed	14.4 Kbit/s
Auto-redialing	✘
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
Replacement cartridges	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 https://www.hp.com/go/learnaboutsupplies
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 *	✔

Operational conditions

Operating relative humidity (H-H)	15 - 80%
Storage temperature (T-T)	-40 - 60 °C
Operating temperature (T-T)	5 - 40 °C
Non-operating relative humidity (non-condensing)	20 - 80%
Storage relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3000 m

Certificates

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

Sustainability

Sustainable technologies and materials	The HP Envy 6000 All-in-One series is made from recycled printers and other electronics—more than 20% by weight of plastic. Save paper by up to 50% using automatic two-sided printing. Original HP cartridges have been engineered to use recycled plastic and help meet HP's demanding standards for quality and reliability.

Carbon footprint

Total carbon footprint (kg of CO2e)	60
Carbon emissions, manufacturing (kg of CO2e)	46
Carbon emissions, logistics (kg of CO2e)	2
Carbon emissions, end-of-life (kg of CO2e)	3
Total carbon emissions, w/o use phase (kg of CO2e)	5

Weight & dimensions

Width	432.5 mm
Depth	361.1 mm
Height	132.1 mm
Weight	5.22 kg

Packaging data

Package width	474 mm
Package depth	172 mm
Package height	408 mm
Package weight	6.35 kg

Packaging content

Cartridge(s) included	✔
Included cartridge capacity (black)	120 pages
Included cartridge capacity (CMY)	75 pages
Cables included	AC
Bundled software	HP Printer Software, available online

Logistics data

Pallet gross weight	554 kg
Layers per pallet	6 pc(s)
Products per pallet	84 pc(s)

Technical details

Master (outer) cases per pallet layer	14 pc(s)
General Product Safety Regulation (GPSR) URL	https://support.hp.com/gb-en/product/setup-user-guides/hp-envy-6000e-all-in-one-printer-series/2100187513

Other features

Number of users	3 user(s)

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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