![HP logo]

HP ENVY 6420e Wireless All-in-One Color Printer, Instant Ink; Copier, Scanner

Brand : HP

Product family: ENVY

Product code: 223R4B

Product name : Envy 6420e Wireless All-in-One Color Printer, Instant Ink; Copier, Scanner

- Wireless; HP+; HP Instant Ink eligible; Print from phone or tablet
- Print, copy, scan, send mobile fax
- Print speed up to 10 ppm (black) and 7 ppm (color)
- Up to 1200X 1200 rendered dpi (when Printing from a computer)
Envy 6420e AiO Printer
HP ENVY 6420e 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. Faxing: Mono faxing. Duplex functions: Print. Maximum ISO A-series paper size: A4. Wi-Fi. Product colour: White
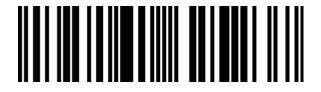
Printing

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
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
Optical scanning resolution (black)	1200 x 1200 ppi
Optical scanning resolution (colour)	1200 x 1200 ppi
Maximum scan resolution	1200 x 1200 DPI
Maximum scan area	216 x 297 mm

Ports & interfaces

USB port	✔
USB 2.0 ports quantity	1

Network

Wi-Fi *	✔
Ethernet LAN *	✘
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	✔
Mobile printing technologies	Apple AirPrint, Mopria Print Service

Performance

Maximum internal memory	256 MB
Card reader integrated	✘
Internal memory *	256 MB
Built-in processor	✔
Processor frequency	800 MHz
Sound pressure level (printing)	56 dB
Sound power level (printing)	6.5 dB

Design

Product colour *	White
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)	195161625237

Scanning

Scanner type *	Flatbed & ADF scanner
Scan technology	CIS
Scan to	Software
Scan speed (colour)	200 ppm
Scan speed (black)	200 ppm
Image formats supported	BMP, JPEG, PNG, TIFF
Document formats supported	PDF
Input colour depth	24 bit
Greyscale levels	256
Scan drivers	TWAIN

Fax

Faxing *	Mono faxing
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
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 http://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
Auto document feeder (ADF)	✔
Auto document feeder (ADF) input capacity	35 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
Maximum print size	100 x 150 mm
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 - 594 mm
Paper tray media weight	60 - 300 g/m²

System requirements

Windows operating systems supported	Windows 11, Windows 10, Windows 7
Mac operating systems supported	Mac OS X 12.0 Monterey, Mac OS X 10.14 Mojave, Mac OS X 13.0 Ventura, Mac OS X 11.0 Big Sur, Mac OS X 10.13 High Sierra, Mac OS X 10.12 Sierra, Mac OS X 10.15 Catalina
Other operating systems supported	ChromeOS

Operational conditions

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

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

Carbon footprint

Total carbon footprint (kg of CO2e)	60
Carbon emissions, manufacturing (kg of CO2e)	50
Carbon emissions, logistics (kg of CO2e)	3
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	174 mm
Weight	6.16 kg

Packaging data

Package width	474 mm
Package depth	218 mm
Package height	408 mm
Package weight	7.55 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

Harmonized System (HS) code	84433100
Pallet gross weight	474 kg
Layers per pallet	6 pc(s)
Products per pallet	60 pc(s)

Technical details

Master (outer) cases per pallet layer 10 pc(s)

General Product Safety Regulation (GPSR) URL   https://support.hp.com/gb-en/product/setup-user-guides/hp-envy-6400e-all-in-one-printer-series/model/2100187522?sku=223R4B&serialnumber=223R4B

Other features

Number of users	3 user(s)
Pallet dimensions (W x D x H)	1219 x 1016 x 2585 mm

Ports & interfaces		Other features	
Direct printing *	✗	Recommended system requirements	Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
		PictBridge	✗
		Pallet dimensions (W x D x H) (imperial)	1219.2 x 1016 x 2585 mm (48 x 40 x 101.8")
		Pallet weight (imperial)	473.6 kg (1044 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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