



HP ENVY 34-c1550nd Intel® Core™ i9 i9-12900 86.4 cm (34") 5120 x 2160 pixels All-in-One PC 128 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 3080 Windows 11 Home Wi-Fi 6 (802.11ax) Silver

Brand : HP

Product family: ENVY

Product code: 6M6Q8EA#ABH

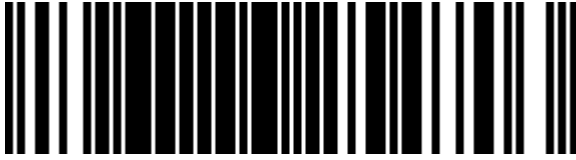
Product name : 34-c1550nd



HP ENVY 34-c1550nd. Product type: All-in-One PC. Display diagonal: 86.4 cm (34"), HD type: UltraWide Full HD, Display resolution: 5120 x 2160 pixels, Panel type: IPS. Processor family: Intel® Core™ i9, Processor frequency: 2.4 GHz. Internal memory: 128 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 3080. Built-in camera. Operating system installed: Windows 11 Home. Product colour: Silver

Display		Network	
Display diagonal *	86.4 cm (34")	Bluetooth *	✓
Display resolution *	5120 x 2160 pixels	Bluetooth version	5.0
Touchscreen *	✗	Ports & interfaces	
HD type *	UltraWide Full HD	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	21:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	500 cd/m ²	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display surface	Matt	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Panel type	IPS	USB4 Gen 3x2 ports quantity *	2
RGB colour space	DCI-P3	Thunderbolt 4 ports quantity	2
Anti-glare screen	✓	HDMI ports quantity *	1
Colour gamut	98%	DisplayPorts quantity	1
Tilt angle range	-5 - 20°	Combo headphone/mic port	✓
Processor		USB Sleep-and-Charge	✓
Processor manufacturer *	Intel	USB Sleep-and-Charge ports	2
Processor family *	Intel® Core™ i9	Design	
Processor generation	12th gen Intel® Core™ i9	Colour name	Turbo silver rear cover, dark chrome logo, turbo silver aluminum base and stand
Processor model *	i9-12900	Product colour *	Silver
Processor cores	16	Cable lock slot	✓
Processor threads	24	Cable lock slot type	Kensington
Processor boost frequency	5.1 GHz	Introduction year	2022
Processor frequency *	2.4 GHz	Country of origin	China
Processor cache	30 MB	Performance	
Processor cache type	L3	Product type *	All-in-One PC
Bus type	DMI4	Market positioning	Premium
Memory		Motherboard chipset	Intel H670
Internal memory *	128 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory slots	4		
Memory slots type	SO-DIMM		
Memory clock speed	3200 MHz		
Memory layout (slots x size)	4 x 32 GB		
Memory form factor	DIMM/SO-DIMM		

Storage		Processor special features	
Total storage capacity *	2 TB	Enhanced Intel SpeedStep Technology	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Number of storage drives installed	1	Intel VT-x with Extended Page Tables (EPT)	✓
Total SSDs capacity	2 TB	Intel Stable Image Platform Program (SIPP)	✓
Number of SSDs installed	1	Intel 64	✓
SSD capacity	2 TB	Execute Disable Bit	✓
SSD memory type	TLC	Idle States	✓
SSD interface	PCI Express, NVMe	CPU configuration (max)	1
NVMe	✓	Embedded options available	✗
SSD form factor	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Brand-specific features	
Graphics		HP segment	Home
Discrete graphics card *	✓	Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	330 W
Discrete graphics card model *	NVIDIA GeForce RTX 3080	AC adapter frequency	50 - 60 Hz
Discrete graphics card memory	8 GB	AC adapter input voltage	100 - 240 V
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width (with stand)	817.2 mm
On-board GPU manufacturer	Intel	Depth (with stand)	223 mm
On-board graphics card family	Intel® UHD Graphics	Height (with stand)	368.4 mm
On-board graphics card model *	Intel UHD Graphics 770	Weight (with stand)	11 kg
Audio		Weight	11.1 kg
Built-in speaker(s) *	✓	Package width	975 mm
Number of speakers	2	Package depth	290 mm
RMS rated power	4 W	Package height	665 mm
Speakers manufacturer	Bang & Olufsen	Package weight	17.4 kg
Built-in microphone	✓	Sustainability	
Audio system	B&O PLAY	Sustainability compliance	✓
Camera		Sustainability certificates	ENERGY STAR, EPEAT Silver
Built-in camera *	✓	Packaging content	
Total megapixels	16 MP	Mouse included	✓
Network		Mouse connectivity	Wireless
Wi-Fi *	✓	Keyboard included	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Keyboard connectivity	Wireless
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Other features	
WLAN controller manufacturer	Intel	Display bezel technology	Micro-Edge
WLAN controller model	Intel Wi-Fi 6 AX201	Chassis type	All-in-One
Antenna type	2x2	Display diagonal (metric)	86.36 cm
Ethernet LAN *	✓	Number of free internal memory expansion slots	4
Ethernet LAN data rates	10,100,1000 Mbit/s	Infrared (IR) camera	✓



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