

HP ENVY Desktop PC

Product Spec Sheet (US SKUs Only)



Operating System	Windows 11 Home
Processor(s)	<ul style="list-style-type: none"> 12th Generation Intel® Core™ i9-12900K processor (125W) 12th Generation Intel® Core™ i9-12900 processor (65W) 12th Generation Intel® Core™ i7-12700K processor (125W) 12th Generation Intel® Core™ i7-12700 processor (65W) 12th Generation Intel® Core™ i5-12600K processor (125W) 12th Generation Intel® Core™ i5-12400 processor (65W)
Graphics	<ul style="list-style-type: none"> NVIDIA® GeForce RTX™ 3080 Ti (12 GB GDDR6X dedicated) NVIDIA® GeForce RTX™ 3080 (10 GB GDDR6X dedicated) with LHR NVIDIA® GeForce RTX™ 3070 Ti (8 GB GDDR6X dedicated) NVIDIA® GeForce RTX™ 3070 (8 GB GDDR6 dedicated) with LHR NVIDIA® GeForce RTX™ 3060 Ti (8 GB GDDR6 dedicated) with LHR NVIDIA® GeForce RTX™ 3060 (12 GB GDDR6 dedicated) AMD Radeon™ RX 6700XT Graphics (12 GB GDDR6 dedicated) AMD Radeon™ RX 6600XT Graphics (8 GB GDDR6 dedicated)
Memory	<ul style="list-style-type: none"> 128 GB DDR4-3200 MHz RAM (4 x 32 GB) 64 GB DDR4-3200 MHz RAM (4 x 16 GB) 32 GB DDR4-3200 MHz RAM (4 x 8 GB) 32 GB DDR4-3200 MHz RAM (2 x 16 GB) 16 GB DDR4-3200 MHz RAM (2 x 8 GB) 8 GB DDR4-3200 MHz RAM (1 x 8 GB) (expandable to 128 GB (32 GB x 4))
Internal Storage	<ul style="list-style-type: none"> 2 TB 7200 rpm SATA HDD 1 TB 7200 rpm SATA HDD (supports both 2.5 and 3.5" form factor storage) 1 TB PCIe® NVMe™ TLC M.2 SSD 512 GB PCIe® NVMe™ TLC M.2 SSD 256 GB PCIe® NVMe™ TLC M.2 SSD
Input/Connectivity	<p>Top I/O:</p> <ul style="list-style-type: none"> 1 SuperSpeed USB Type-C® 5Gbps signaling rate 3 SuperSpeed USB Type-A 5Gbps signaling rate 1x HP 3-in-1 memory card reader 1 Headphone/Microphone Combo, Microphone Jack <p>Rear I/O:</p> <ul style="list-style-type: none"> 2 USB 2.0 Type-A 1 SuperSpeed USB Type-A 5Gbps signaling rate 1 SuperSpeed USB Type-A 10Gbps signaling rate 1 SuperSpeed USB Type-C® 5Gbps signaling rate

	<p>1 SuperSpeed USB Type-C® 10Gbps signaling rate</p> <p>1 Thunderbolt™ 4 with USB4™ Type-C 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4)</p> <p>1 Audio-in</p> <p>1 Audio-out</p> <p>1 Microphone</p> <p>3 DisplayPort™</p> <p>1 HDMI</p> <p>(Specifications may vary depending on the model and/or region. All models subject to availability.)</p>
Wireless	<p>Wi-Fi 6 AX 201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds, MU-MIMO supported)</p> <p>Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate, MU-MIMO supported)</p>
Finish (materials)	<p>Using sustainable materials like:</p> <ul style="list-style-type: none"> · Includes water-based paint · Includes post-consumer recycled plastic · Includes ocean-bound plastic <p>HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable</p> <p>ENERGY STAR® certified</p> <p>EPEAT® Silver registered</p>
Power Supply	<p>800 W 80 Plus Gold certified ATX power supply</p> <p>600 W 80 Plus Gold certified ATX power supply</p> <p>500 W 80 Plus Bronze certified ATX power supply</p>
Weight and Dimensions	<p>30.31 lbs</p> <p>6.50 (W) x 15.59 (H) x 17.64 (D) in (w/foot)</p> <p>6.50 (W) x 15.59 (H) x 17.05 (D) in (w/o foot)</p>
Productivity and Tools	<p>Quad Display Support – Maximize your productivity or just make multitasking easier by adding up to four displays for more immersive computing. (Four monitors support available preconfigured with NVIDIA® RTX 3060, 3060 Ti, 3070, 3070 Ti, 3080, 3080 Ti graphics.)</p> <p>Automatic Open Button – Easily open housing with one touch. Quick, tool-less access to the internal components.</p> <p>Endless Expandability – Get more use, more years out of your creator ecosystem. Keep performance up-to-date with interior expansion slots for storage, upgrading memory or graphics.</p> <p>HP Palette – It is a new, HP proprietary digital workspace that simplifies and enhances the creative process:</p> <ul style="list-style-type: none"> • Duet for HP – You can connect and use a second device – for instance, the new ENVY Desktop PC with the HP 11" Tablet - to extend the creative workspace and allow for easier, more natural editing via touchscreen or digital pen. • HP QuickDrop – It seamless, wireless image sharing to any phone from an HP device. • PhotoMatch – It leverages unique IP from HP Labs to enable photo search based on AI Face Recognition for faster creation. <p>Optimized Quiet Cooling – Even at full load, Envy Desktop stays as quiet as a whisper (up to 28dBA), so system noise is never a distraction.</p> <p>Thunderbolt™ 4 with USB4™ Type-C® - The latest Thunderbolt™ solution lets you power your device or connect up to two 4K displays with a single cable and blazing 40Gbps signaling rate.</p>

