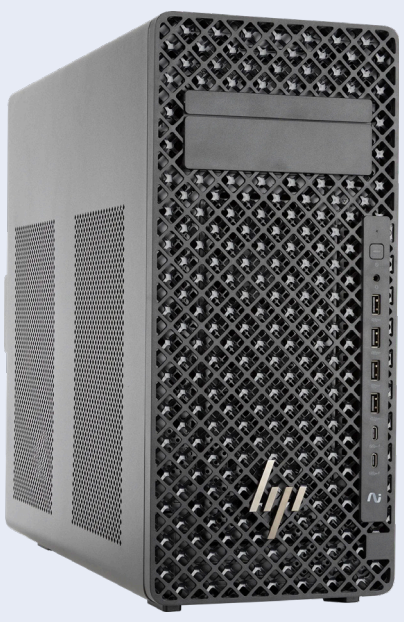


Finish renders and design work sooner with the HP Z2 Tower G1i Desktop Workstation PC



Same processor. Same GPU. Same memory. Different results.

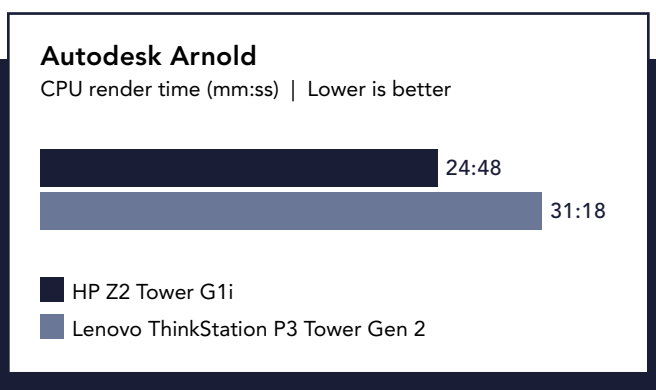
The HP Z2 Tower G1i pulled ahead in demanding rendering, engineering, and AI tests. For creative and technical teams, that means faster turnarounds, smoother iteration, and more time for work that matters.

PT put the HP Z2 Tower G1i head-to-head with an identically configured Lenovo ThinkStation P3 Tower Gen 2. Both had an Intel Core Ultra 9 285K processor, an NVIDIA RTX PRO 4000 Blackwell GPU, and 64 GB of memory.

Get final frames back sooner

When a project needs hundreds of frames, every minute per frame counts. The HP Z2 Tower G1i rendered faster with Autodesk Arnold, the production renderer built into Autodesk Maya and Autodesk 3ds Max. Across a full sequence, those minutes can add up to hours, so reviews happen sooner and revisions don't push back deadlines.

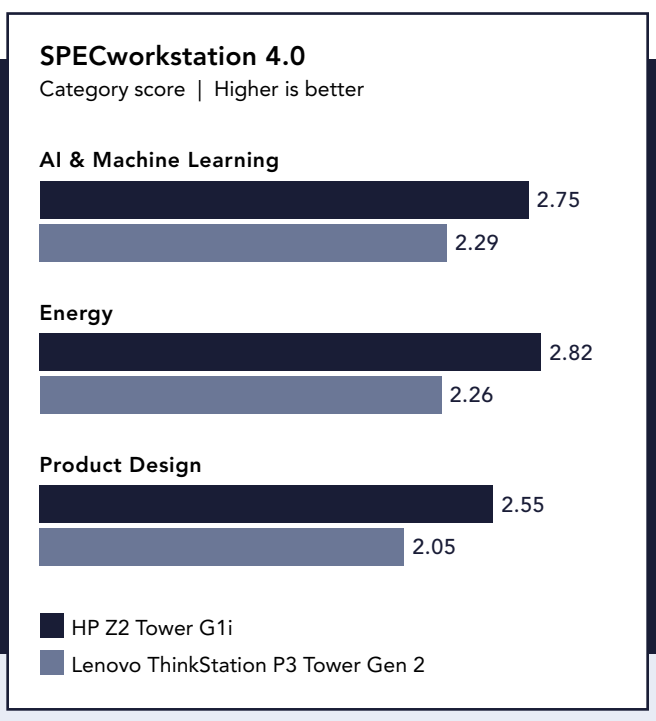
20.7% less time



Move faster from data to design to decision

Higher SPECworkstation 4.0 scores mean real work finishes sooner. Data scientists prep data and train models faster. Energy teams process and explore massive seismic datasets with less waiting. Product designers rebuild, simulate, and rotate complex assemblies faster, so each design iteration moves quicker.

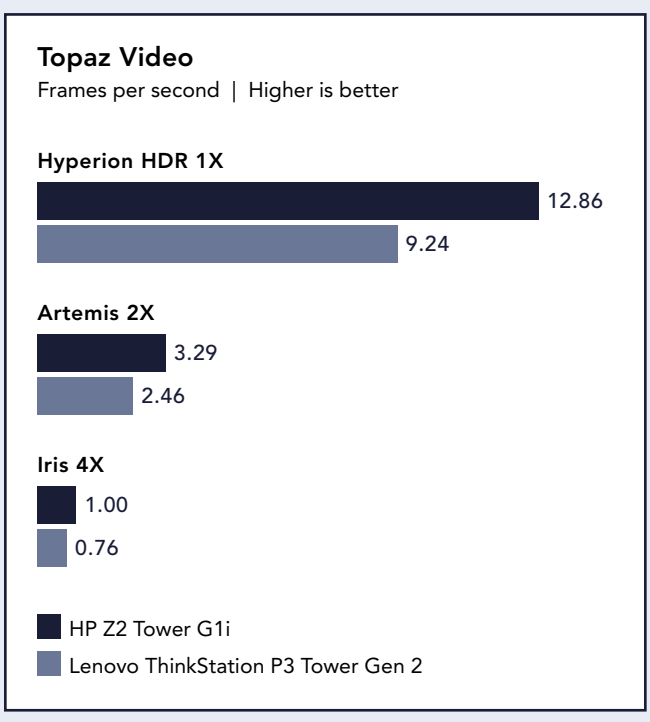
Up to 24.7% higher score



Turn rough footage into polished visuals faster

Need to upscale a flythrough, clean up drone site footage, or refresh an older product video for a client presentation? AI-powered tools like Topaz Video rebuild footage at higher resolution, detail, and dynamic range', a GPU-heavy job. Higher FPS on the HP Z2 Tower G1i means less time waiting on processing and more time to fine-tune before it ships.

Up to 39.1% higher FPS





Read the full report

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