

Speed up your graphics, AI, and rendering projects with the HP ZBook X G2i Mobile Workstation PC



More GPU. More memory. Way less waiting.

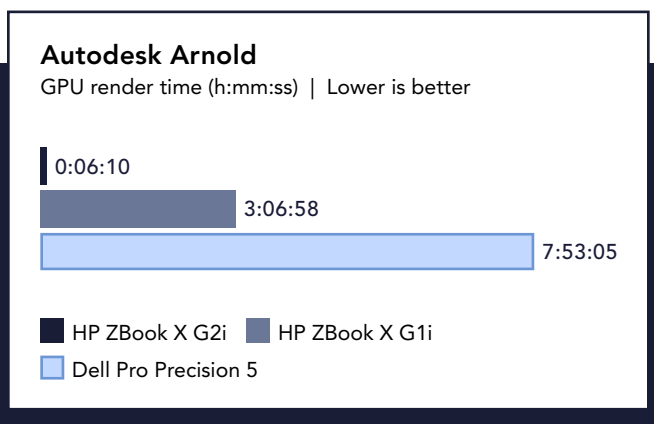
The HP ZBook X G2i outperformed both. That means less time watching progress bars and more time creating, plus headroom to carry you into the next refresh cycle.

We tested the HP ZBook X G2i, with an NVIDIA RTX PRO 3000 Blackwell GPU and 128 GB of RAM against two rivals: a Dell Pro Precision 5 16-inch Workstation Laptop and last year's HP ZBook X G1i, each with an RTX PRO 2000 Blackwell GPU and 64 GB of RAM.

Renders in minutes, not hours

Just over 6 minutes. That's how long the HP ZBook X G2i took to render a scene with the production renderer built into Autodesk Maya® and Autodesk 3ds Max®. The RTX PRO 2000 systems took more than 3 hours (HP ZBook X G1i) and nearly 8 hours (Dell Pro Precision 5). The likely reason is that the scene outgrew the RTX PRO 2000's 8 GB of video memory, while the RTX PRO 3000 has 12 GB. For artists on deadline, that's hours of their day back.

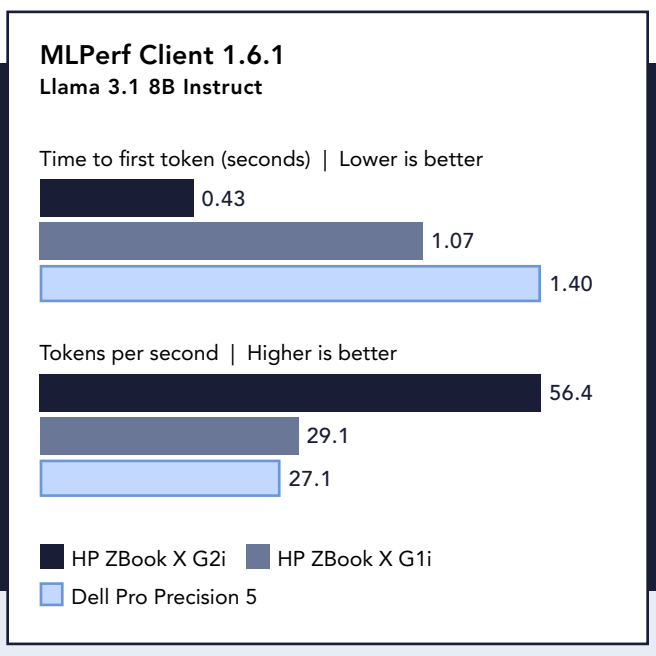
Up to 98.6% less time



AI answers that start sooner and finish faster

When you're brainstorming, summarizing notes, or refining a draft, every pause pulls you out of the flow. Faster first responses and quicker output mean less staring at a blinking cursor, so ideas keep moving and back-and-forth prompting feels more like a conversation than a queue.

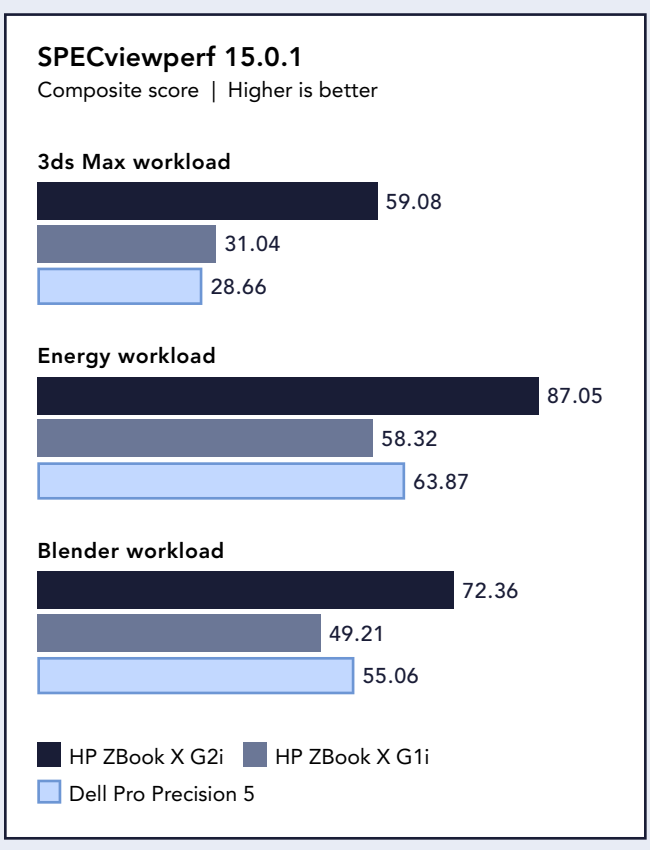
Up to 2.0x the tokens per second



Spin, zoom, and pan big 3D models with less stutter

Whether you're reviewing an assembly or blocking out a scene, a laggy viewport makes every adjustment feel like guesswork. Higher viewport scores mean CAD, DCC (digital content creation), and energy models follow your cursor more closely, even as they grow larger and more detailed, so you can inspect, iterate, and present with confidence.

Up to 2.0x the score





Read the full report

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