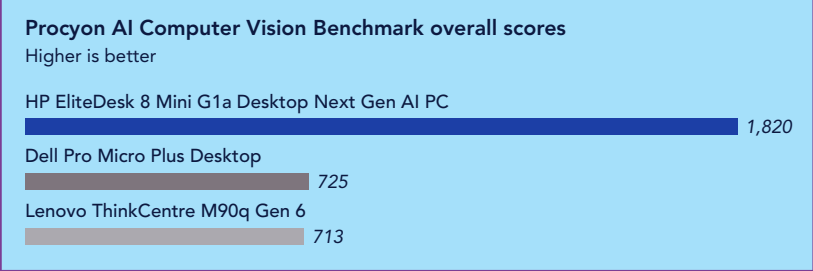


Meet AI challenges head on with the HP EliteDesk 8 Mini G1a Desktop Next Gen AI PC

In our testing, this AMD Ryzen™ AI 7 PRO 350 processor-powered desktop provided better AI performance than Intel® Core™ Ultra 7 processor-powered Dell™ and Lenovo® desktops

2.5x the on-device AI performance



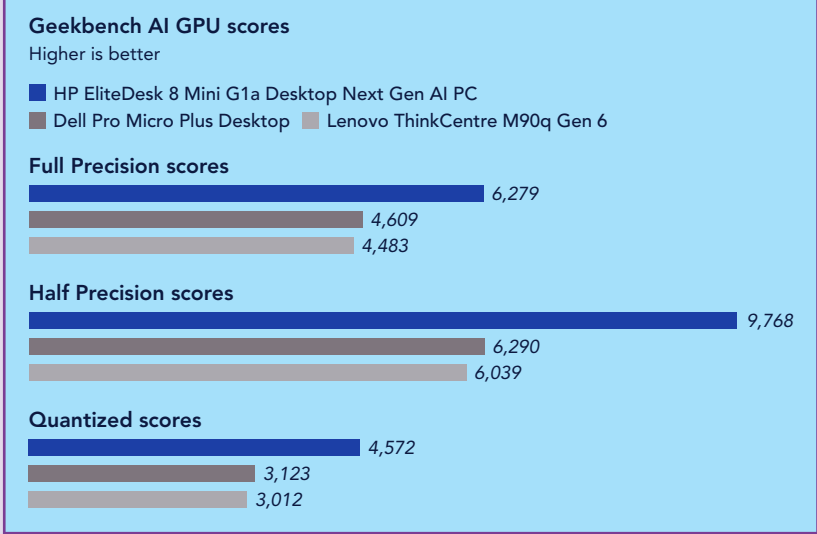
Accelerate AI on your PC

To measure NPU performance for AI inference engine models, we used the UL Procyon AI Computer Vision Benchmark, which incorporates various AI inference engines and models for image recognition, object detection, image enhancement, and much more.¹

Consistently strong performance at multiple precision levels

Geekbench AI uses real-world machine learning apps to measure on-device AI performance at different precision levels:² Full Precision (FP32) to prioritize accuracy, Quantized (INT8) to prioritize efficiency, and Half Precision (FP16) for a balance of accuracy and efficiency.

Up to 61.7% better GPU performance

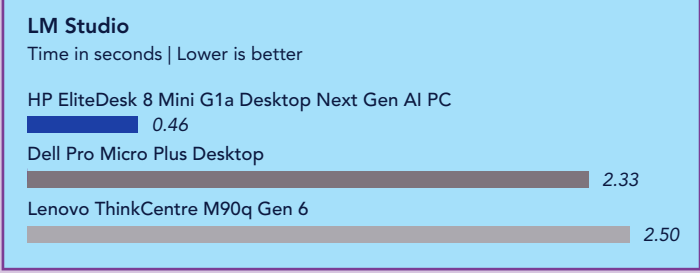


Speed up LLM response times and throughput

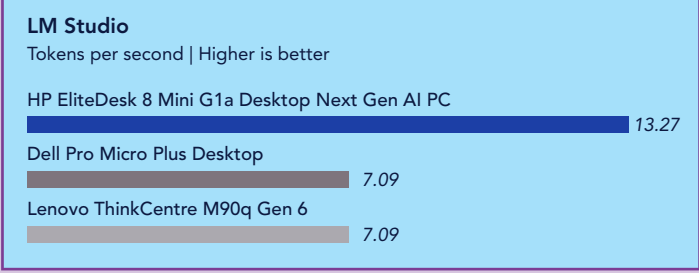
Large language models (LLMs) are at the top of many companies’ GenAI wish lists, so we measured LLM performance from multiple angles and with multiple models. With LM Studio, we used the Llama 3.1 model, while with the MLPerf Client Benchmark, we looked at several models, including Phi 3.5 Mini Instruct.

The benchmark and model were different, but the results were the same: The AMD processor-powered HP EliteDesk 8 Mini G1a Desktop Next Gen AI PC delivered faster response times and higher throughput than its competition. That could mean quicker, smoother interactions with private on-device LLMs.

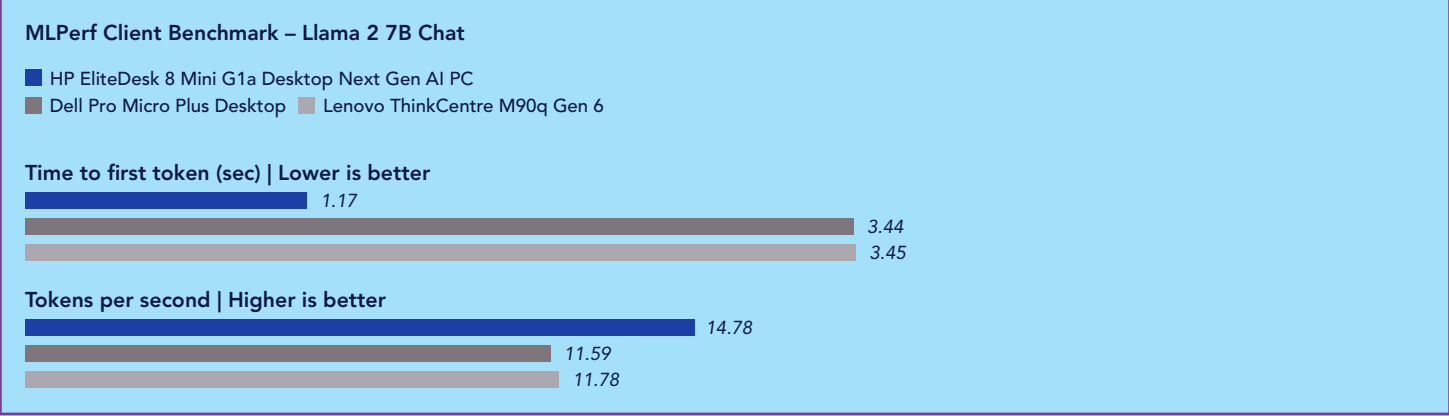
Up to 81.6% less time to first token



Up to 87% higher data processing rate



Up to 66% less time to first token with up to 27% higher data processing rate



Learn more at <https://facts.pt/C036tIz>

1 UL Solutions, “Procyon® AI Computer Vision Benchmark,” accessed October 15, 2025, <https://benchmarks.ul.com/procyon/ai-inference-benchmark-for-windows>.
2 Geekbench AI, “Introducing Geekbench AI,” accessed October 15, <https://www.geekbench.com/ai/>.