Dell Pro Micro: Speed customer interactions, patient processing, and learning endeavors

Significant system performance advantages over their 2022 OptiPlex™ 7000 predecessor make new Dell™ Pro Micro desktops powered by Intel® Core™ Ultra 5 235T processors with Intel vPro® and running Windows 11 Pro worthy of consideration

Jumpstart day-to-day productivity

CrossMark® measures overall system performance and system responsiveness by using models of real-world applications.[1] **3DMark® Steel Nomad** is a content-creation benchmark that runs a native 4K video render to test GPU performance.[2]

CrossMark
Score | Higher is better

41.09% *better system performance*

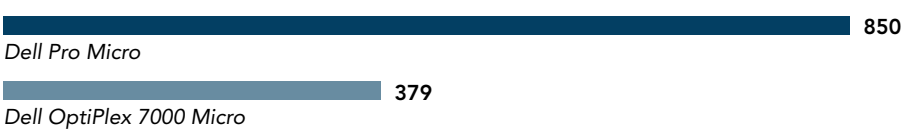
3DMark Steel Nomad
Score | Higher is better

4.1x *the graphics performance*

Pave the way for innovation

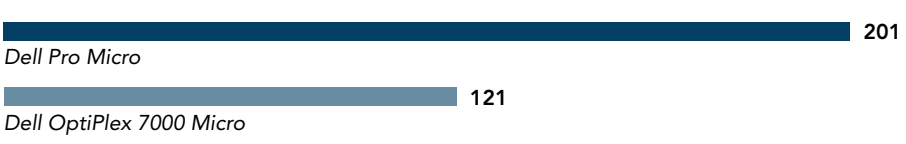
Procyon® AI Image Generation Benchmark measures the inference performance of on-device AI accelerators.[3] Stable Diffusion v1-5 generates photo-realistic images from text prompts.[4] **Procyon AI Text Generation Benchmark** measures large language model (LLM) performance.[5] Llama 3.1 provides advanced reasoning and context for multilingual customer service agents and coding assistants.[6]

Procyon AI Image Generation Benchmark – Stable Diffusion v1-5
Integer-optimized results | Overall score | Higher is better



124.27% *better image generation performance*

Procyon AI Text Generation Benchmark – Llama 3.1
Integer-optimized results | Overall score | Higher is better

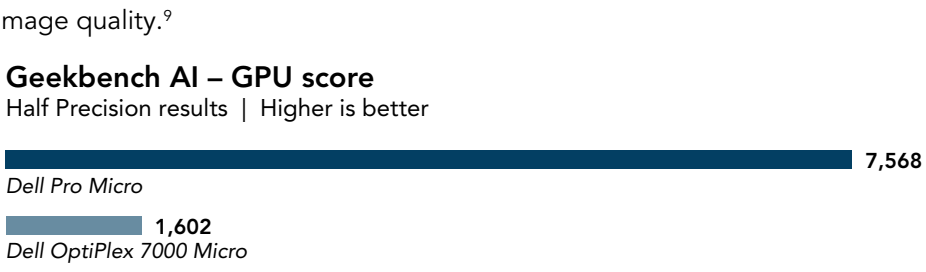


66.11% *better text generation performance*

Accelerate time-to-outcome metrics

Geekbench AI measures on-device AI performance using LLMs.[7] In our testing, we used the Intel OpenVINO™ AI framework. **Procyon AI Computer Vision Benchmark** measures AI inference performance using different AI inference engines.[8] Artists, medical professionals, and real estate firms use the Real-ESRGAN engine to enhance image quality.[9]

Geekbench AI – GPU score
Half Precision results | Higher is better



4.7x *the on-device AI performance*

Procyon AI Computer Vision Benchmark – Real-ESGRN total inference count
Intel OpenVINO™ | Integer-optimized results | Higher is better

6.3x *the Real-ESRGAN total inferences count*

Learn more at https://facts.pt/3sGGv6m

1 BAPCo, "CrossMark," accessed May 21, 2025, https://bapco.com/crossmark/.

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3 UL Solutions, "Procyon® AI Image Generation Benchmark," accessed July 28, 2025, https://benchmarks.ul.com/procyon/ai-image-generation-benchmark.

4 Runwayml, "Stable Diffusion v1-5," accessed June 2, 2025, https://stablediffusionapi.com/models/sd-1.5.

5 UL Solutions, "Procyon® AI Text Generation Benchmark," accessed June 2, 2025, https://benchmarks.ul.com/procyon/ai-text-generation-benchmark.

6 Hugh Mahmood, "Comparing the Llama Models: Llama 3 vs Llama 3.1 vs Llama 3.2," accessed June 2, 2025, https://datasciencedojo.com/blog/llama-model-debate/#.

7 Geekbench AI, "Introducing Geekbench AI," accessed August 4, 2025, https://www.geekbench.com/ai/.

8 UL Solutions, "Procyon® AI Computer Vision Benchmark," accessed July 28, 2025, https://benchmarks.ul.com/procyon/ai-inference-benchmark-for-windows.

9 Natsnoyuki AI Lab, "Upscaling images with Real-ESRGAN," accessed May 27, 2025, https://medium.com/@natsunoyuki/upscaling-images-with-real-esrgan-db579e9fb68d.

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