



APEXX Workstation Benchmark Results Revit® 2026 RFO & Cadalyst AutoCAD® 2026

AutoCAD®, Revit®, and Civil 3D® are single-threaded at their core. The hardware that serves them best is not the one with the most cores, it is the one with the fastest ones. We tested the three current APEXX configurations against the benchmarks your community actually uses to help you find the right machine for your workflow.

All three systems were benchmarked with the **NVIDIA® RTX PRO™ 4000 Blackwell Workstation Edition GPU** and **64GB DDR5 memory**.

BENCHMARK RESULTS

Benchmark	APEXX S3 Intel® Core™ Ultra 9 285K	APEXX A3 AMD Ryzen™ 9 9950X3D	APEXX T3 AMD Threadripper™ 9980X
REVIT® 2026 RFO			
Model Creation (sec, lower is better)	57.78	56.69	60.56
Render Time (sec, lower is better)	17.14	17.16	11.84
Graphics (sec, lower is better)	14.81	14.84	16.61
CADALYST AUTOCAD® 2026			
Total Index (higher is better)	1,327	1,341	1,278
3D Graphics Score (higher is better)	4,311	4,424	4,200

KEY TAKEAWAYS

- **APEXX S3 vs. A3:** Nearly identical on daily modeling and viewport tasks. For most AutoCAD® and Revit® users, either machine will feel the same in practice.
- **APEXX T3 for rendering and point clouds:** The T3's render time of 11.84 seconds is nearly 32% faster than the S3 and A3. If your team is processing large point clouds or doing heavy visualization work, that difference compounds quickly across a project.
- **On the new Intel® Core™ Ultra 7 270K Plus:** We also ran Intel's recently released 270K Plus through the same tests, hoping it might offer a price-performance alternative. The Core™ Ultra 9 285K in the APEXX S3 held its lead for single-threaded CAD workloads.

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