Expedite complex workflows with an HP ZBook 8 G1a Mobile Workstation

We compared this AMD Ryzen™ AI 9 HX PRO 375 processor-powered system's general productivity, computer vision, and content creation performance to that of comparable AMD Ryzen™ AI 9 HX PRO 370 processor-based Lenovo and Dell mobile workstations

Increasingly complex projects with multiple contributors, resource-intensive applications, and tight deadlines are just a few challenges that the right technology can help alleviate. By reducing wait times, your team has more time to iterate on new ideas, and you can get projects out the door faster.

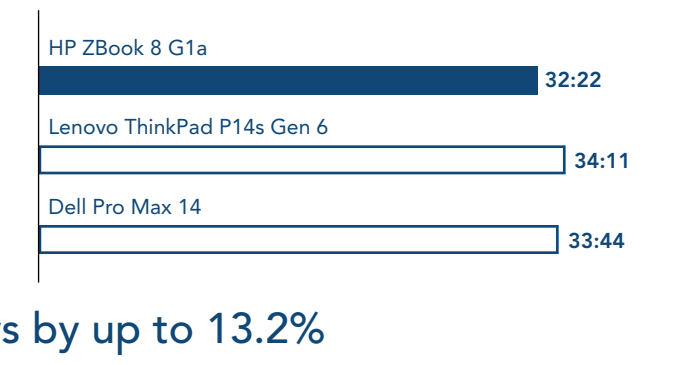
Render 3D scenes over 1 minute faster

Maxon Redshift Benchmark measures GPU rendering speed and CPU performance. The results exclude "certain CPU operations such as loading the scene or textures from disk."[1]

Complete 3D rendering tasks up to 1 minute and 49 seconds faster

Redshift Benchmark results

MM:SS | Lower is better



Speed your industry-specific workflows by up to 13.2%

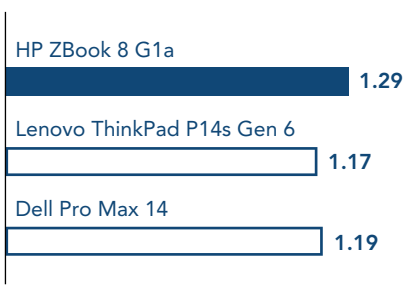
The SPECworkstation 4.0 benchmark measures AI accelerator, CPU, graphics, and storage performance from many perspectives.[2] The higher the industry vertical score, the faster you would expect that workstation to perform during real-world usage in that area.

Complete real-world professional application tasks up to 13.2% faster

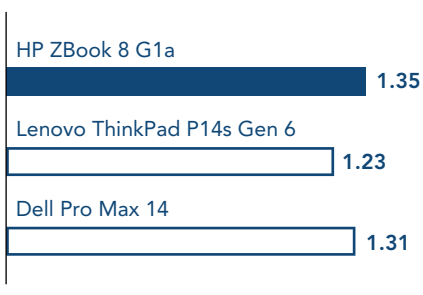
SPECworkstation 4.0 benchmark

Overall scores | Higher is better

AI & Machine Learning



Life Sciences



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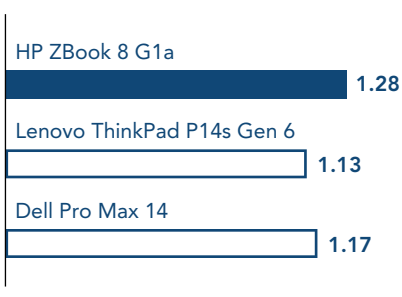
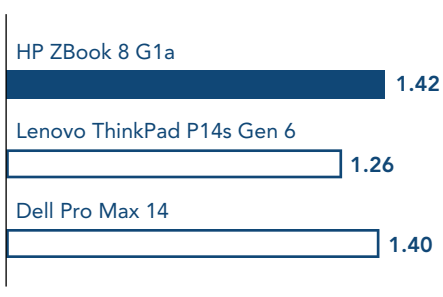


Media & Entertainment



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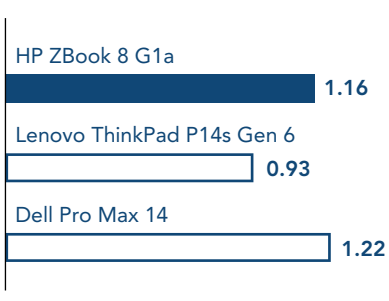
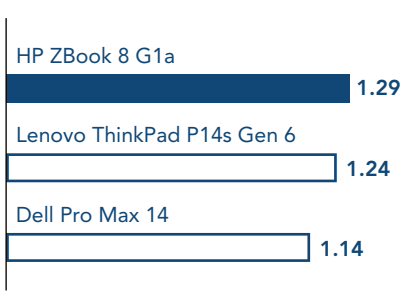


Product Design



Save up to 32 minutes exporting CAD graphics

The Revit 2024 RFO Benchmark uses the Redshift rendering engine to export work in different file formats.[3] Its computer-aided design (CAD) use cases include:

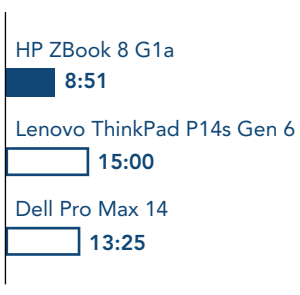
- **Design Web Format (DWF)**: for sharing CAD drawings and design data with stakeholders who may not have CAD software.
- **Drawing (DWG)**: for sharing and collaborating on CAD files with other designers.
- **Portable Document Format (PDF)**: for sharing, printing, and archiving documents that are openable and viewable on almost any device.
- **Portable Network Graphics (PNG)**: for web graphics, digital art, and screenshots where image clarity is crucial.

Export Drawing (DWG) file formats up to 32 minutes and 9 seconds faster

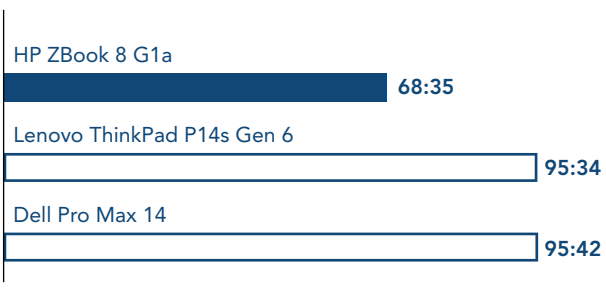
Revit 2024 RFO Benchmark results

MM:SS | Lower is better

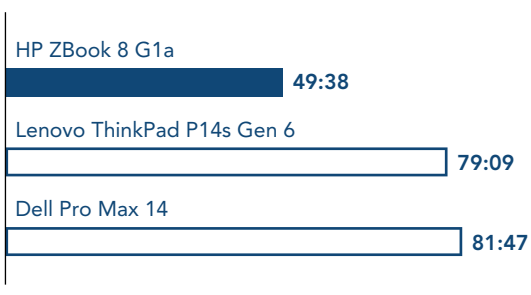
Export in DWF format



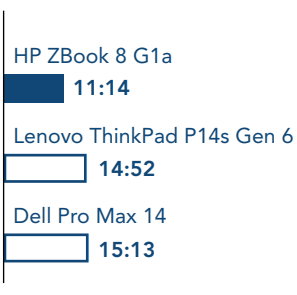
Export in PDF format



Export in DWG format



Export in PNG format



To learn more, read the *report*.

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1 Maxon, "The redshiftBenchmark tool," accessed November 3, 2025, ***https://help.maxon.net/r3d/maya/en-us/Content/html/The+redshiftBenchmark+tool.html***.
2 SPEC GWPG, "SPECworkstation 4.0," accessed November 3, 2025, ***https://gwpg.spec.org/benchmarks/benchmark/specworkstation-4_0/***.
3 Revit Forum, "RFO Benchmark v3.# (Updated for 2025)," accessed November 3, 2025, ***https://www.revitforum.org/forum/revit-all-flavors/hardware-and-infrastructure/36875-rfo-benchmark-v3-updated-for-2025***.

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