

Harness the ultimate power for creating and building.



Dell Precision 7865 Tower

Dell Precision 7865 Tower powered by AMD Ryzen™ Threadripper™ PRO processors

Massive datasets, complex simulations and tight deadlines are common in design and manufacturing. Engineers require a versatile workstation processor capable of addressing the different compute requirements of their key workflow applications. AMD Ryzen™ Threadripper™ PRO processors offer the best of both worlds now with high frequency cores to tackle lightly threaded 3D design tasks, industry leading core count for multithreaded simulation and generative design along with leading memory capacity and memory channels to take on the most complex projects. Additionally, AMD Ryzen™ Threadripper™ PRO processors feature 128 PCIe 4.0® lanes, support for up to 2TB of memory and AMD PRO technologies for peak professional productivity.

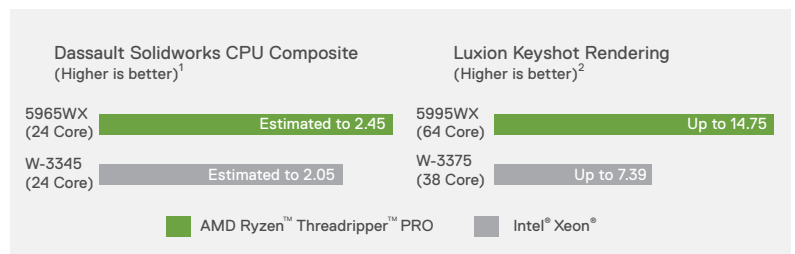


AMD
THREADRIPPER
PRO

128 PCIe® 4.0 LANES	UP TO 1TB OF MEMORY	FULL-SPECTRUM COMPUTE CAPABILITY	AMD PRO TECHNOLOGIES	NATIVE 1G + 10 G NETWORK	ECC RAM WITH RMT PRO
For advanced GPUs and storage	To tackle the most demanding projects	For lightly threaded and multi-threaded tasks	To help with data protection and manageability	Fast network speeds for high speed connect to PDM system	For enhanced reliability and reduced system downtime

The Right Tool for the Job

AMD Ryzen™ Threadripper™ PRO processors offer excellent performance for both lightly threaded and multi-threaded workloads. For designers and engineers, this means you don't have to sacrifice productivity when switching between interactive and computational tasks with different compute requirements. Take advantage of Threadripper™ PRO processor's high frequency cores for general 3D modeling and design tasks with tools like Dassault Solidworks and up to 64 cores for generating photorealistic renderings and animation with popular render engines like Keyshot as well a simulation and analysis applications like ANSYS CFX, Mechanical and Fluent.



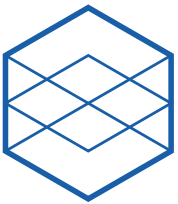
AMD Pro Technologies

AMD PRO technologies provides layers of security features, seamless manageability, and reliable longevity so you can work confidently and securely. AMD innovations go beyond pure processing speed because today's modern workplace needs every possible advantage.



Meet the New Precision 7865 Tower

This new high-performance tower offers full-spectrum performance for a variety of demanding professional applications, powered by the latest AMD Ryzen™ Threadripper™ PRO processors. Bridging clock speed (valuable in interactive workflows such as computer-aided design) and multi-core computation (needed for workflows such as simulation and rendering), the Precision 7865 Tower allows you to create, simulate and render simultaneously, without sacrificing performance.



More power shouldn't mean more heat. The newly designed chassis features a hexagonal venting pattern that supports dedicated air channels for critical

components. This enhances both thermal efficiency and acoustic performance, meaning you can focus on work while the system runs smoothly and quietly. This is all packed into a chassis that's 14% smaller than the Precision 7820 Tower.³

You will see Dell's longtime commitment to serviceability reflected in the Precision 7865 workstation. Servicing and upgrading are made simpler with convenient front and side access. A look inside reveals tool-less interiors and organized, color-coded components that make it more intuitive to upgrade memory, storage or graphics cards as power demands increase. Looking to the future, Dell engineers prioritized upgradability and scalability to meet the performance needs of today and tomorrow.



1. Based on AMD performance lab testing on January 31, 2022, using the SPECcap® for Solidworks 2021 CPU Composite metric to compare the performance of AMD Ryzen™ Threadripper™ PRO 5965WX. Reference systems configured with 8x32GB DDR4, NVIDIA Quadro RTX A5000, 1TB SSD, Win 11 vs. similarly configured BOXX APEXX4 workstations with an Intel® Xeon® W3345 processor. Workstation manufacturers may vary configurations, yielding different results. SPEC®, and SPECcap® are registered trademarks of the Standard Performance Evaluation Corporation. See www.spec.org for more information. CGP-12

2. Based on AMD performance lab testing on January 31, 2022, using the Luxion Keyshot viewer benchmark to compare performance of an AMD Ryzen™ Threadripper™ PRO 5995WX reference system configured with 8x32GB DDR4, NVIDIA Quadro RTX A5000, 1TB SSD, Win 11 vs. a similarly configured BOXX APEXX4 workstation with an Intel® Xeon® W-3375 Workstation manufacturers may vary configurations, yielding different results. CGP-20

3. Precision 7865 volume 31.7 liters vs. Precision 7820 volume 38.2 liters