



Processor AMD Ryzen Threadripper PRO 5995WX sWRX8 64C/128T, 4.5GHz Max Boost

Modelis: 100-100000444WOF

Gamintojas: AMD

EAN: 730143314367

Prekės kodas: 103255

6,462.99€

AMD Ryzen Threadripper PRO 5995WX: The Ultimate Workstation Processor

The AMD Ryzen Threadripper PRO 5995WX is engineered as the definitive professional workstation-caliber CPU, designed to handle the most intensive computational demands. Utilizing the cutting-edge 7 nm silicon manufacturing process and the highly optimized “Zen 3” Core Architecture, this

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processor delivers unparalleled speed and efficiency for content creation, simulations, and massive data processing.

With an astounding 64 cores and 128 threads, the Threadripper PRO 5995WX ensures exceptional massive parallel processing capability, allowing professionals to execute complex, multi-threaded workloads simultaneously without bottlenecks. While the base clock speed is 2.7 GHz, the processor can dynamically boost its frequency up to 4.5 GHz, providing rapid response times for lightly threaded applications and burst performance.

Key Architectural and Performance Features

- **Unmatched Core Count:** Features 64 physical cores and 128 threads, making it ideal for high-demand professional tasks like 3D rendering, scientific computing, and video editing.
- **Zen 3 Core Architecture:** Delivers significant generational improvements, including increased Instructions Per Cycle (IPC) efficiency, enhanced branch prediction, and deeper allocation of cache, ensuring maximum data throughput.
- **High-Speed Cache:** Equipped with a large 256 MB cache (L3 cache capacity), minimizing data latency and accelerating access to frequently used instructions.
- **Advanced Manufacturing:** Built on the 7 nm process, allowing for higher core density and superior power efficiency for a 280W TDP processor.
- **Platform Support:** Compatible with the Socket sWRX8 platform, providing the necessary bandwidth and connectivity for professional-grade components.

AMD (Advanced Micro Devices) is a global leader in high-performance computing, dedicated to developing revolutionary processors and graphics technologies that push the boundaries of modern computing. Their Ryzen Threadripper PRO series is specifically tailored to meet the extreme demands of professional content creators and engineers.

Order the AMD Ryzen Threadripper PRO 5995WX today from ++SHOP++ and experience the peak of workstation performance.

AMD Ryzen Threadripper PRO processor is the first and only professional workstation-caliber CPU to

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exploit a 7 nm silicon manufacturing process, allowing engineers to double the density and fueling the transistor budget needed to substantially drive-up core throughput. With the unveiling of the first generation of "Zen" CPU technology, AMD disrupted the status quo with a microarchitecture completely rebuilt from the ground up and optimized for modern single and multi-threaded workloads. With the Threadripper PRO processor's "Zen 2" microarchitecture, improvements are many, but two carry most of the weight, especially where high demand professional computing is concerned: up to 15% faster instructions per cycle (IPC), and an impressive quadrupling of the peak floating point throughput rate. The former comes primarily by the way of improved branch prediction and pre-fetching, supported by much deeper and broader allocation of cache, while the latter is the result achieved by both doubling the width of the FPU data path and doubling density. Supporting the increased compute throughput, architects doubled load-store bandwidth and dialed up dispatch and retire bandwidth to minimize the chances the higher throughput ALUs would be starved of data.

Product Description: AMD Ryzen ThreadRipper PRO 5995WX / 2.7 GHz processor - PIB/WOF | Product Type: Processor | Processor Type: AMD Ryzen ThreadRipper PRO 5995WX | Number of Cores: 64-core / 128 threads | Cache: 256 MB | Compatible Processor Socket: Socket sWRX8 | Processor Qty: 1 | Clock Speed: 2.7 GHz | Max Turbo Speed: 4.5 GHz | Manufacturing Process: 7 nm | Features: "Zen 3" Core Architecture | Manufacturer Warranty: 3-year warranty

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