



Processor AMD Ryzen Threadripper PRO 5975WX 3.6GHz (4.5GHz Max) 32 Cores sWRX8

Modelis: 100-100000445WOF

Gamintojas: AMD

EAN: 730143314381

Prekės kodas: 103254

3,319.99€

Unmatched Workstation Performance: AMD Ryzen Threadripper PRO 5975WX Processor

The AMD Ryzen Threadripper PRO 5975WX is engineered specifically for demanding professional and creative workloads, combining massive core counts with the groundbreaking efficiency of the Zen 3 core architecture. Built using an advanced 7 nm silicon manufacturing process, this processor offers unparalleled density and transistor efficiency, maximizing core throughput for engineers, developers,

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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and visual artists.

Core Specifications and Zen 3 Architecture

The 5975WX features 32 cores and 64 threads, making it a powerhouse for heavy multi-tasking and parallel processing tasks. Operating on the dedicated Socket sWRX8 platform, it delivers extreme computational speed. The cutting-edge Zen 3 architecture brings significant improvements over previous generations, resulting in enhanced instructions per cycle (IPC) performance and superior energy efficiency.

- **Processor Type:** AMD Ryzen Threadripper PRO 5975WX (PIB/WOF)
- **Core/Thread Count:** 32 Cores / 64 Threads
- **Clock Speeds:** Base 3.6 GHz; Max Turbo Speed 4.5 GHz
- **Architecture:** "Zen 3" Core Architecture (7 nm manufacturing process)
- **Cache:** Massive 144 MB total cache size
- **Socket:** Compatible Processor Socket sWRX8

Designed for Professional Demands

This processor is built to handle the most intensive professional computing scenarios. The Zen 3 microarchitecture provides superior branch prediction and pre-fetching capabilities, supported by much deeper and broader allocation of cache. Furthermore, architects doubled the load-store bandwidth and increased dispatch and retire bandwidth to ensure the high-throughput processing units are never starved of data, minimizing latency and maximizing overall workflow efficiency, especially crucial for high-demand rendering and simulations.

AMD (Advanced Micro Devices) is a global leader in high-performance computing, graphics, and visualization technologies. AMD processors are trusted by professionals worldwide for their raw power, architectural innovation, and suitability for the most critical workstation applications.

Order the AMD Ryzen Threadripper PRO 5975WX today from ++SHOP++ to power your next generation professional workstation.

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AMD Ryzen Threadripper PRO processor is the first and only professional workstation-caliber CPU to 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 5975WX / 3.6 GHz processor - PIB/WOF | Product Type: Processor | Processor Type: AMD Ryzen ThreadRipper PRO 5975WX | Number of Cores: 32-core / 64 threads | Cache: 128 MB | Compatible Processor Socket: Socket sWRX8 | Processor Qty: 1 | Clock Speed: 3.6 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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