

**Processors: AMD
Ryzen
Threadripper
PRO 5965WX, 24
Cores, 48
Threads, 4.5
GHz Max Turbo,
Socket sWRX8,
7nm Zen 3
Architecture
(BOX)**



Modelis: 100-100000446WOF

Gamintojas: AMD

EAN: 730143314404

Prekės kodas: 432711

2,355.99€

AMD Ryzen Threadripper PRO 5965WX Workstation Processor

The AMD Ryzen Threadripper PRO 5965WX is engineered as the definitive professional workstation-caliber CPU, delivering uncompromising performance for engineers, architects, content creators, and data scientists. Utilizing the advanced 7 nm silicon manufacturing process, this processor achieves incredible transistor density, significantly increasing core throughput essential for handling massive, complex workloads.

Powered by the groundbreaking "Zen 3" Core Architecture, the Threadripper PRO 5965WX dramatically disrupts the status quo, offering superior efficiency and raw processing power. Users benefit from substantial architectural improvements designed to optimize both modern single-threaded and intensive multi-threaded applications.

Key Specifications and Features:

- **Processor Type:** AMD Ryzen ThreadRipper PRO 5965WX (PIB/WOF)
- **Cores and Threads:** 24 Cores / 48 Threads
- **Clock Speed:** 3.8 GHz Base / 4.5 GHz Max Turbo
- **Architecture:** Cutting-edge "Zen 3" Core Architecture
- **Cache:** 128 MB L3 Cache for rapid data access
- **Manufacturing Process:** Highly efficient 7 nm technology
- **Socket Compatibility:** Socket sWRX8
- **Performance Boost:** Up to 15% faster instructions per cycle (IPC) compared to previous generations.
- **Floating Point Throughput:** Features an impressive quadrupling of the peak floating-point throughput rate, vital for scientific simulations and rendering tasks.
- **Warranty:** Manufacturer provides a 3-year warranty.

Designed for Maximum Professional Throughput

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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The Threadripper PRO 5965WX ensures that demanding applications are never starved of data. Architectural enhancements include doubling the width of the FPU data path and maximizing load-store bandwidth, which minimizes bottlenecks. Increased dispatch and retire bandwidths support the higher throughput of the Arithmetic Logic Units (ALUs), ensuring consistent, professional-grade computational efficiency under continuous heavy loads.

AMD (Advanced Micro Devices) is a global semiconductor company renowned for developing high-performance computing and visualization technologies, offering market-leading solutions for consumers, professional businesses, and game enthusiasts worldwide.

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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 5965WX / 3.8 GHz processor - PIB/WOF | Product Type: Processor | Processor Type: AMD Ryzen ThreadRipper PRO 5965WX | Number of Cores: 24-core / 48 threads | Cache: 128 MB | Compatible Processor Socket: Socket sWRX8 | Processor Qty: 1 | Clock Speed: 3.8 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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