

Processor INTEL Core Ultra 9 285K 5.7GHz FCLGA1851 24 Cores 36M Cache Boxed CPU



Modelis: BX80768285K

Gamintojas: INTEL

EAN: 5032037281928

Prekės kodas: 406187

734.99€

Processor Intel Core Ultra 9 285K - Extreme Performance for LGA1851

The Intel Core Ultra 9 285K processor is engineered for extreme desktop performance, targeting enthusiasts, professional creators, and power users who require uncompromising speed and efficiency. Utilizing the cutting-edge FCLGA1851 socket, this processor delivers massive parallel processing power combined with next-generation architectural enhancements.

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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Unmatched Processing Power

Experience groundbreaking speeds thanks to the hybrid architecture. The Intel Core Ultra 9 285K features **24 cores and 24 threads**, complemented by a substantial **36 MB Smart Cache**, ensuring rapid data access and superior responsiveness across all applications.

- **Maximum Turbo Frequency:** Reaching up to 5.7 GHz on Performance-cores (P-cores) and 4.6 GHz on Efficient-cores (E-cores), ensuring exceptional speed for single-threaded and burst workloads.
- **Base Clock Speeds:** Stable operation at 3.7 GHz (P-core) and 3.2 GHz (E-core).
- **Socket Compatibility:** Designed specifically for the FCLGA1851 Socket, supporting the latest generation of high-end motherboards.

Integrated Intelligence and Advanced Technologies

Beyond raw clock speed, the Ultra 9 285K integrates specialized technologies to optimize workflows. The inclusion of the **Intel AI Boost (NPU)** significantly accelerates AI-driven tasks, making it ideal for content creation and advanced software applications utilizing machine learning.

Key Performance and Security Features:

- Intel Deep Learning Boost (DL Boost) and Intel Gaussian and Neural Accelerator 3.5 (GNA 3.5) enhance AI workloads and noise suppression.
- Intel Thread Director ensures intelligent scheduling of tasks across P-cores and E-cores for optimal efficiency.
- Intel vPro Enterprise Platform Eligibility offers enhanced security, reliability, and remote management capabilities, perfect for professional environments.
- Advanced security features like Intel Secure Key, Intel Boot Guard, and Mode-based Execute Control (MBEC) provide comprehensive platform protection.
- Intel Turbo Boost Max Technology 3.0 and Intel Thermal Velocity Boost dynamically maximize frequency based on power and thermal headroom.

INTEL is a global leader in semiconductor innovation, designing and manufacturing essential technologies that power the world's computing infrastructure. Known for reliability and continuous performance improvement, Intel processors set the standard for desktop computing.

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Order the high-performance Intel Core Ultra 9 285K CPU today from ++SHOP++ to elevate your computing experience with industry-leading speed and efficiency.

The Intel Core Ultra 9 processor offers performance with a clock speed of 2.3 GHz and the capability to boost up to 5.1 GHz. This processor is built on Smart Cache technology, featuring 24 MB of cache memory for efficiency in data processing. With 16 cores and 22 threads, it manages multi-threaded applications, ensuring smooth operation across demanding tasks.

Integrated Intel Arc Graphics elevate the visual experience, supporting up to 7680 x 4320 @ 60 Hz (HDMI) resolution. The ability to handle quad display setups means improved multitasking capabilities. Additional features, such as Intel Quick Sync Video and advanced security technologies, enhance this processor, making it a versatile choice for professionals and enthusiasts alike.

Product Description: Intel Core Ultra 9 285K / 3.7 GHz processor - Box | Product Type: Processor | Processor Type: Intel Core Ultra 9 285K (Series 2) | Number of Cores: 24-core / 24 threads | Cache: 36 MB | Integrated Graphics: Intel HD Graphics | Compatible Processor Socket: FCLGA1851 Socket | Processor Qty: 1 | Clock Speed: 3.7 GHz (P-core) / 3.2 GHz (E-core) | Max Turbo Speed: 5.7 GHz (P-core) / 4.6 GHz (E-core) | Features: Enhanced SpeedStep technology, Execute Disable Bit capability, Intel 64 Technology, Intel Trusted Execution Technology, Intel Turbo Boost Technology 2.0, Intel AES New Instructions (AES-NI), Thermal Monitoring Technologies, Intel Virtualization Technology for Directed I/O (VT-d), Idle States, Intel VT-x with Extended Page Tables (EPT), Intel Secure Key, Intel Advanced Vector Extensions 2 (AVX2.0), Intel OS Guard, Intel Turbo Boost Max Technology 3.0, Intel Speed Shift Technology, Intel Volume Management Device (VMD), Intel Boot Guard, Intel Thermal Velocity Boost, Intel Deep Learning Boost (DL Boost), Intel vPro Platform Eligibility, Intel Control-Flow Enforcement Technology, Intel Thread Director, Instruction Set 64-bit, Intel SSE4.1, Intel SSE4.2, Intel Stable IT Platform Program (SIPP), Intel vPro Enterprise Platform Eligibility, Intel Threat Detection Technology (TDT), Intel Standard Manageability (ISM), Intel One-Click Recovery, Intel Hardware Shield Eligibility, Intel Total Memory Encryption - Multi Key, Intel Virtualization Technology with Redirect Protection (VT-rp), Mode-based Execute Control (MBEC), Intel Virtualization Technology for Directed (VT-x), Intel Remote Platform Erase (RPE), Intel Gaussian and Neural Accelerator 3.5 | Neural Processor Unit (NPU): Intel AI Boost

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