



Processor INTEL Core Ultra 7 265 (20 Cores, 5.3 GHz Max Turbo, LGA1851)



Modelis: BX80768265

Gamintojas: INTEL

EAN: 5032037282512

Prekės kodas: 20457

357.99€

Processor INTEL Core Ultra 7 265: High-Performance Computing and Integrated AI

The Intel Core Ultra 7 265 processor delivers exceptional performance for demanding desktop applications, high-end multitasking, and complex workloads. Built on a hybrid architecture, this 20-core processor combines powerful P-cores (Performance) and efficient E-cores (Efficiency), managed seamlessly by Intel Thread Director technology. With a substantial 30 MB Smart Cache and maximum Turbo Speed reaching 5.3 GHz, the Core Ultra 7 265 ensures rapid data processing and responsiveness for professionals and power users alike.

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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Key Performance Specifications:

- Processor Type: Intel Core Ultra 7 265 (Series 2) for FCLGA1851 socket compatibility.
- Core Configuration: 20 Cores / 20 Threads, providing massive parallel processing capabilities.
- Clock Speeds: Base P-core frequency of 2.4 GHz (E-core 1.8 GHz), reaching a maximum Turbo frequency of 5.3 GHz (via Intel Turbo Boost Max Technology 3.0).
- Integrated Graphics: Features Intel HD Graphics for reliable visual output and multimedia support.
- Cache Memory: Large 30 MB Intel Smart Cache for efficient data access and accelerated application loading.

Accelerated AI and Advanced Features

Designed for the future of computing, the Core Ultra 7 265 integrates dedicated hardware for artificial intelligence acceleration. The Intel AI Boost, powered by the Gaussian and Neural Accelerator 3.5 (GNA 3.5) and Neural Processor Unit (NPU), significantly speeds up AI tasks and workload processing. Combined with Intel Deep Learning Boost (DL Boost) and Intel Advanced Vector Extensions 2 (AVX2.0), this CPU dramatically improves performance in data analysis, content creation, and intensive computational tasks.

Enterprise Security and Platform Reliability

For professional environments, the Core Ultra 7 265 offers Intel vPro Platform Eligibility, ensuring high standards of manageability, stability, and security. Critical security features include Intel Secure Key, Intel Boot Guard, Intel OS Guard, Intel Hardware Shield Eligibility, and Intel Threat Detection Technology (TDT), providing robust protection against hardware and software vulnerabilities. Features like Intel Virtualization Technology (VT-x) and Intel Virtualization Technology for Directed I/O (VT-d) enhance resource management and operational efficiency.

INTEL is globally recognized as the leader in semiconductor innovation, designing and manufacturing essential technologies that power the world's most advanced computing devices. Intel processors are synonymous with reliability, performance, and cutting-edge feature integration, backed by a 3-year manufacturer warranty.

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The Intel Core Ultra 7 processor integrates advanced technologies to enhance performance and security. With Smart Cache technology, it efficiently manages data for faster processing speeds. Features like Intel Quick Sync Video facilitate seamless multimedia experiences, while support for virtualization ensures optimal resource management. Built with numerous security features such as Intel Secure Key and Intel Boot Guard, this processor provides protection against threats. Designed for high-performance computing, it includes Intel Advanced Vector Extensions 2 (AVX2.0) and Intel Deep Learning Boost (DL Boost) to accelerate workloads, from data analysis to AI applications. This processor is a reliable choice for users seeking improved performance and security in their computing tasks.

Product Description: Intel Core Ultra 7 265 / 2.4 GHz processor - Box | Product Type: Processor | Processor Type: Intel Core Ultra 7 265 (Series 2) | Number of Cores: 20-core / 20 threads | Cache: 30 MB | Integrated Graphics: Intel HD Graphics | Compatible Processor Socket: FCLGA1851 Socket | Processor Qty: 1 | Clock Speed: 2.4 GHz (P-core) / 1.8 GHz (E-core) | Max Turbo Speed: 5.3 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), Intel Smart Cache, 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 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 Gaussian and Neural Accelerator 3.5 | Neural Processor Unit (NPU): Intel AI Boost | Manufacturer Warranty: 3-year warranty

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