

**Processor INTEL  
Core Ultra 7  
265F 2.4GHz  
(5.3GHz Turbo)  
20-Core  
LGA1851 30MB  
Cache Box CPU**



Modelis: BX80768265F

Gamintojas: INTEL

EAN: 5032037282734

Prekės kodas: 406181

**415.99€**

## The Next Generation of Performance: Intel Core Ultra 7 265F Processor

The Intel Core Ultra 7 265F is engineered for demanding modern computing, integrating a revolutionary hybrid architecture to deliver exceptional speed, efficiency, and intelligence. This 20-core processor utilizes Intel Thread Director technology to intelligently route workloads, ensuring optimal performance across its high-performance P-cores (up to 5.3 GHz Turbo) and efficient E-cores

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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(up to 4.6 GHz Turbo).

## Unmatched Speed and Efficiency

Featuring a massive 30 MB Smart Cache, the Core Ultra 7 265F minimizes data latency, accelerating everything from intensive gaming to complex data analysis. Designed for the new FCLGA1851 socket, this CPU provides the foundation for high-performance desktop systems.

- **20 Cores / 20 Threads:** Powerful configuration handling simultaneous tasks with ease.
- **High Clock Speeds:** Base speeds of 2.4 GHz (P-core) and 1.8 GHz (E-core), reaching up to 5.3 GHz with Intel Turbo Boost Max Technology 3.0.
- **30 MB Cache:** Large L3 cache for rapid data access and improved processing efficiency.
- **Advanced Architecture:** Optimized for the FCLGA1851 Socket and supported by Intel Thread Director.

## AI Acceleration and Security Features

The Intel Core Ultra 7 265F is optimized for future workloads, incorporating Intel Deep Learning Boost (DL Boost) and Intel Advanced Vector Extensions 2 (AVX2.0) to drastically accelerate AI and machine learning tasks. Furthermore, the processor integrates comprehensive security measures essential for professional and home use, ensuring system integrity and data protection.

- **AI Readiness:** Utilizes Intel DL Boost and the Intel Gaussian and Neural Accelerator 3.5 for dedicated AI processing.
- **Robust Security:** Includes Intel Boot Guard, Intel Secure Key, and Intel OS Guard to protect the system from firmware and software threats.
- **Virtualization Support:** Intel Virtualization Technology (VT-x) and Directed I/O (VT-d) ensure optimal resource management and performance for virtualized environments.
- **Enhanced Management:** Supports Intel Standard Manageability (ISM) and Intel Volume Management Device (VMD).

**INTEL** is a global leader in semiconductor innovation, designing and manufacturing the microprocessors that power the world's computers and data centers, known for driving technological advancement across every segment of computing.

Order your Intel Core Ultra 7 265F today from ++SHOP++ and experience the pinnacle of desktop performance and security.

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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 265F / 2.4 GHz processor - Box | Product Type: Processor | Processor Type: Intel Core Ultra 7 265F (Series 2) | Number of Cores: 20-core / 20 threads | Cache: 30 MB | 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: Execute Disable Bit capability, Idle States, Instruction Set 64-bit, Intel 64 Technology, Intel Advanced Vector Extensions 2 (AVX2.0), Intel AES New Instructions (AES-NI), Intel Boot Guard, Intel Control-Flow Enforcement Technology, Intel Gaussian and Neural Accelerator 3.5, Intel OS Guard, Intel Secure Key, Intel Speed Shift Technology, Intel SSE4.1, Intel SSE4.2, Intel Standard Manageability (ISM), Intel Thread Director, Intel Trusted Execution Technology, Intel Turbo Boost Max Technology 3.0, Intel Turbo Boost Technology 2.0, Intel Virtualization Technology for Directed (VT-x), Intel Virtualization Technology for Directed I/O (VT-d), Intel Volume Management Device (VMD), Intel VT-x with Extended Page Tables (EPT), Mode-based Execute Control (MBEC), SpeedStep technology, Thermal Monitoring Technologies

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