

Link do produktu: <https://sosos.pl/procesor-intel-u5-245kf-s1851-box36g-bx80768245kf-s-rqcy-in-p-33876.html>



Procesor Intel U5-245KF S1851 BOX/3.6G BX80768245KF S Rqcy In

Cena	1 243,35 zł
Dostępność	Dostępny
Czas wysyłki	24 godziny
Numer katalogowy	1432192
Kod EAN	5032037282116
Nazwa rodziny procesorów	Core Ultra
ManufacturerCode	BX80768245KF S RQCY
Numer modelu	U5-245KF
Strona główna dostawcy	www.intel.com/content/www/us/en/products/sku/241066/intel-core-ultra-5-processor-245kf-24m-cache-up-to-5-20-ghz/specifications.html
Prędkość zegara	4200 MHz
Objętość brutto	0.00072 cubm
Pamięć podręczna	24MB
Jednostkowa waga brutto	0.106 kg
Rodzaj opakowania	BOX
Full Description Line	Desktop Core Ultra U5-245KF Arrow Lake 4200 MHz Number of cores 14 Cache 24MB Socket LGA1851 Wattage 125 Watts Turbo frequency 5200 MHz Packing type BOX
Głębokość opakowania wysyłkowego	24 cm
Waga opakowania wysyłkowego	0.53 kg
SSSE3	125 Watts
Typ pamięci	DDR5
Aplikacja procesora	Pulpit
Opis	Intel Core Ultra 5 245KF Processor 245KF (24M Cache, up to 5.20 GHz) FCLGA18W, Boxed Introducing the Intel Core Ultra 5 Processor 245KF, a high-performance solution

engineered to meet the demands of modern computing. With its advanced arch	
Nazwa rdzenia	Arrow Lake
Ilość w opakowaniu	5
Liczba rdzeni	14
Jednostkowa waga netto	0.03 kg
Częstotliwość turbo	5200 MHz
CnCode	85423190
Category Code	CPU
Szerokość opakowania wysyłkowego	12.5 cm
Wysokość opakowania wysyłkowego	12 cm
Gniazdo elektryczne	LGA1851
Prędkość częstotliwości	6400 MHz

Opis produktu

Intel Core Ultra 5 245KF
Processor 245KF (24M Cache, up to 5.20 GHz) FCLGA18W, Boxed

Introducing the Intel Core Ultra 5 Processor 245KF, a high-performance solution engineered to meet the demands of modern computing. With its advanced architecture and robust features, this processor is ideal for users seeking reliable performance for everyday tasks.

High-Performance Architecture

The Intel Core Ultra 5 Processor 245KF features a hybrid architecture with 14 cores and 14 threads, combining 6 Performance-cores and 8 Efficient-cores. This design ensures efficient multitasking and optimal performance across a wide range of applications. The Performance-cores operate at a base frequency of 4.2 GHz, with the capability to boost up to 5.2 GHz, providing the power needed for demanding tasks. The Efficient-cores run at a base frequency of 3.6 GHz, with a maximum turbo frequency of 4.6 GHz, handling background processes and less intensive workloads efficiently.

Generous Cache and Memory Support

Equipped with a 24 MB Intel Smart Cache, the 245KF ensures quick access to frequently used data, enhancing overall system responsiveness. The processor supports up to 192 GB of DDR5-6400 MT/s memory across two channels, offering high memory bandwidth of up to 76.8 GB/s. This capacity allows for smooth operation of memory-intensive applications and multitasking scenarios.

Integrated Graphics and AI Capabilities

The 245KF does not include integrated graphics, making it an excellent choice for users who plan to pair the processor with a discrete graphics card for enhanced graphical performance. Additionally, the processor features Intel AI Boost, delivering AI acceleration with a peak performance of 13 TOPS (trillions of operations per second), enhancing tasks such as image recognition and natural language processing.

Energy Efficiency and Thermal Management

With a processor base power of 125W and a maximum turbo power of 159W, the 245KF balances performance with energy efficiency. This design ensures that the processor delivers high performance while managing power consumption effectively, contributing to a cooler and quieter system.

Advanced Technologies

The Intel Core Ultra 5 Processor 245KF incorporates several advanced technologies to enhance user experience. Intel Deep Learning Boost (Intel DL Boost) accelerates AI workloads, providing faster and more efficient processing. The processor also supports various AI software frameworks, including OpenVINO™, WindowsML, DirectML, ONNX RT, and WebNN, enabling developers to leverage the processor's AI capabilities across different platforms.

Conclusion

The Intel Core Ultra 5 Processor 245KF offers a dependable and cost-effective solution for everyday computing tasks. Its combination of solid performance, generous cache, advanced technologies, and support for discrete graphics makes it a versatile choice for users seeking reliability and efficiency in their computing experience. Whether you're working on documents, browsing the web, or enjoying multimedia content, the 245KF delivers the performance you require.