



INTEL Core Ultra 5 245K 5.2GHz FCLGA18W LGA1851 24M Cache TRAY CPU



Model: AT807680640F

Manufacturer: INTEL

Product Code: 50421

R5,745

The Intel Core Ultra 5 processor is designed to enhance your computing experience with features that improve performance and security. Featuring Smart Cache technology, this processor supports a variety of functionalities, including Intel Quick Sync Video, which enables efficient video processing for content creators and multimedia enthusiasts. With its robust thermal monitoring technologies and integrated virtualization capabilities, users can enjoy a stable and versatile computing environment that caters to both everyday use and demanding applications.

This processor includes an array of security features such as Intel Trusted Execution Technology and Intel AES New Instructions, ensuring that sensitive data remains protected. Intel Deep Learning Boost and Intel Thread Director efficiently manage workload demands, making it suitable for personal and professional applications. Experience a secure computing journey with the Intel Core Ultra 5 processor, tailored for those looking for reliability and efficiency in their devices.

Product Description: Intel Core Ultra 5 245K / 4.2 GHz processor - OEM | Product Type: Processor |

Processor Type: Intel Core Ultra 5 245K (Series 2) | Number of Cores: 14-core / 14 threads | Cache:

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24 MB | Integrated Graphics: Intel HD Graphics | Compatible Processor Socket: FCLGA1851 Socket | Processor Qty: 1 | Clock Speed: 4.2 GHz (P-core) / 3.6 GHz (E-core) | Max Turbo Speed: 5.2 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 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 Remote Platform Erase (RPE), Intel Gaussian and Neural Accelerator 3.5 | Neural Processor Unit (NPU): Intel AI Boost

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