



INTEL Core Ultra 9 285 2.5GHZ LGA1851 36M Cache Tray CPU



Model: AT8076806418

Manufacturer: INTEL

Product Code: 50506

R14,265

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 9 285 / 2.5 GHz processor - OEM | Product Type: Processor | Processor Type: Intel Core Ultra 9 285 (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: 2.5 GHz (P-core) / 1.9 GHz (E-core) | Max Turbo Speed: 5.6 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

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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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