

Intel Core Ultra 5 225F processor 20 MB Smart Cache Box



Model: BX80768225F

Manufacturer: INTEL

EAN: 5032037282376

Product Code: 609607

R3,944

Intel® Thread Director: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Performance cores: 6 | Intel® Thunderbolt 4: Yes | Intel Trusted Execution Technology: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | On-board graphics card model: Not available | Processor manufacturer: Intel | Memory channels: Dual-channel | Discrete graphics card: No | Maximum internal memory: 192 GB | Discrete graphics card model: Not available | Processor threads: 10 | Processor cores: 10 | Processor ARK ID: 241069 | Processor operating modes: 64-bit | Enhanced Intel SpeedStep Technology: Yes | Processor codename: Arrow Lake | Intel® OS Guard: Yes | On-board graphics card: No | Intel 64: Yes | Thermal Monitoring Technologies: Yes | Intel® Secure Key: Yes | Processor model: 225F | Processor family: Intel Core Ultra 5 | Processor cache: 20 MB | Execute Disable Bit: Yes | Intel® Turbo Boost Technology: 2.0 | Memory clock speeds supported by processor: 6400 MHz | Processor socket: FCLGA1851 | Intel® AES New Instructions (Intel® AES-NI): Yes | Maximum number of DMI lanes: 8 | Use conditions:

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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PC/Client/Tablet | Embedded options available: No | PCI Express slots version: 4.0 | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | Performance-core base frequency: 3.3 GHz | Launch date: Q1'25 | Maximum number of PCI Express lanes: 24 | Intel VT-x with Extended Page Tables (EPT): Yes | Performance-core boost frequency: 4.9 GHz | Intel® Volume Management Device (VMD): Yes | Direct Media Interface (DMI) Revision: 4.0 | Processor generation: Intel Core Ultra (Series 2) | Processor base power: 65 W | Box: Yes | Maximum turbo power: 121 W | Intel® Speed Shift Technology: Yes | Maximum internal memory supported by processor: 192 GB | L2 cache: 22528 KB | Idle States: Yes | Status: Launched | Efficient cores: 4 | Market segment: Desktop | Memory types supported by processor: DDR5-SDRAM | Mode-based Execute Control (MBE): Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Supported instruction sets: SSE4.1 | Supported instruction sets: SSE4.2 | Supported instruction sets: AVX 2.0 | Intel® Boot Guard: Yes | Scalability: 1S | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: WebNN | NPU performance up to: 13 TOPs | AI software frameworks supported by NPU: Windows ML | AI software frameworks supported by NPU: DirectML | Intel® Standard Manageability (ISM): Yes | AI software frameworks supported by CPU: OpenVINO | Total processor performance up to: 19 TOPs | Windows Studio effects support: Yes | AI software frameworks supported by CPU: Windows ML | AI software frameworks supported by CPU: DirectML | AI software frameworks supported by CPU: ONNX RT | Sparsity support: Yes | Neural processor unit (NPU): Intel AI Boost | AI software frameworks supported by CPU: WebNN | Warnings: Be careful when handling the processor to avoid damaging the delicate pins. | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact. | Warnings: Ensure that the CPU is properly mounted in the CPU socket to avoid damage.

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