

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



Model: BX80768225F

Manufacturer: INTEL

EAN: 5032037282376

Product Code: 1249692

R4,124

Intel® Thread Director: Yes | Performance cores: 6 | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Thunderbolt 4: Yes | Box: Yes | Processor base power: 65 W | Maximum turbo power: 121 W | Use conditions: PC/Client/Tablet | Launch date: Q1'25 | Idle States: Yes | Maximum internal memory supported by processor: 192 GB | L2 cache: 22528 KB | Efficient cores: 4 | Supported instruction sets: SSE4.1 | Processor generation: Intel Core Ultra (Series 2) | Performance-core base frequency: 3.3 GHz | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Maximum number of DMI lanes: 8 | Supported instruction sets: AVX 2.0 | Market segment: Desktop | Memory types supported by processor: DDR5-SDRAM | Direct Media Interface (DMI) Revision: 4.0 | Memory channels: Dual-channel | Performance-core boost frequency: 4.9 GHz | Mode-based Execute Control (MBE): Yes | Processor threads: 10 | Status: Launched | Intel® Speed Shift Technology: Yes | On-board graphics card: No | Supported instruction sets: SSE4.2 | Intel® OS Guard: Yes | Processor cache: 20 MB | PCI Express slots version: 4.0 | PCI Express slots version: 5.0 | Processor cache type:

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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Smart Cache | Maximum number of PCI Express lanes: 24 | Intel VT-x with Extended Page Tables (EPT): Yes | Enhanced Intel SpeedStep Technology: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Thermal Monitoring Technologies: Yes | Processor codename: Arrow Lake | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel 64: Yes | Processor manufacturer: Intel | Discrete graphics card model: Not available | Processor family: Intel Core Ultra 5 | Intel Trusted Execution Technology: Yes | Scalability: 1S | Intel® Turbo Boost Technology: 2.0 | Intel® Volume Management Device (VMD): Yes | Processor operating modes: 64-bit | Discrete graphics card: No | Intel® Secure Key: Yes | Execute Disable Bit: Yes | Intel® Boot Guard: Yes | Embedded options available: No | Maximum internal memory: 192 GB | Processor ARK ID: 241069 | Processor cores: 10 | On-board graphics card model: Not available | Processor model: 225F | Memory clock speeds supported by processor: 6400 | Processor socket: FCLGA1851 | NPU performance up to: 13 TOPs | AI software frameworks supported by NPU: Windows ML | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: DirectML | AI software frameworks supported by NPU: WebNN | Windows Studio effects support: Yes | AI software frameworks supported by NPU: OpenVINO | Sparsity support: Yes | Total processor performance up to: 19 TOPs | AI software frameworks supported by CPU: OpenVINO | AI software frameworks supported by CPU: WebNN | AI software frameworks supported by CPU: DirectML | AI software frameworks supported by CPU: ONNX RT | AI software frameworks supported by CPU: Windows ML | Intel® Standard Manageability (ISM): Yes | Neural processor unit (NPU): Intel AI Boost | 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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