



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



Model: BX80768225F

Manufacturer: INTEL

EAN: 5032037282376

Product Code: 937115

R3,985

Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Thunderbolt 4: Yes | Performance cores: 6 | Intel® Thread Director: Yes | Maximum number of DMI lanes: 8 | Efficient cores: 4 | Intel® Speed Shift Technology: Yes | Memory types supported by processor: DDR5-SDRAM | Maximum internal memory: 192 GB | Market segment: Desktop | Supported instruction sets: SSE4.1 | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® Boot Guard: Yes | Thermal Monitoring Technologies: Yes | Status: Launched | Processor ARK ID: 241069 | Intel® OS Guard: Yes | Supported instruction sets: SSE4.2 | Supported instruction sets: AVX 2.0 | Scalability: 15 | Maximum turbo power: 121 W | Performance-core base frequency: 3.3 GHz | Intel® Volume Management Device (VMD): Yes | Use conditions: PC/Client/Tablet | Processor manufacturer: Intel | Intel 64: Yes | Processor generation: Intel Core Ultra (Series 2) | Box: Yes | Maximum internal memory supported by processor: 192 GB | L2 cache: 22528 KB | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Memory channels: Dual-channel | Processor codename: Arrow Lake | Processor cache: 20 MB | Intel

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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Trusted Execution Technology: Yes | Mode-based Execute Control (MBE): Yes | Discrete graphics card model: Not available | Processor base power: 65 W | Memory clock speeds supported by processor: 6400 MHz | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Discrete graphics card: No | Performance-core boost frequency: 4.9 GHz | Processor family: Intel Core Ultra 5 | Direct Media Interface (DMI) Revision: 4.0 | Enhanced Intel SpeedStep Technology: Yes | Processor threads: 10 | Intel® Turbo Boost Technology: 2.0 | On-board graphics card model: Not available | Idle States: Yes | Launch date: Q1'25 | Processor model: 225F | Processor cores: 10 | PCI Express slots version: 4.0 | Processor operating modes: 64-bit | Processor socket: FCLGA1851 | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | On-board graphics card: No | Maximum number of PCI Express lanes: 24 | Intel VT-x with Extended Page Tables (EPT): Yes | Intel® Secure Key: Yes | Execute Disable Bit: Yes | Embedded options available: No | Neural processor unit (NPU): Intel AI Boost | Windows Studio effects support: Yes | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: DirectML | Intel® Standard Manageability (ISM): Yes | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by CPU: DirectML | AI software frameworks supported by CPU: ONNX RT | 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 NPU: Windows ML | NPU performance up to: 13 TOPs | AI software frameworks supported by CPU: Windows ML | Sparsity support: Yes | Warnings: Ensure that the CPU is properly mounted in the CPU socket to avoid damage. | Warnings: Do not dispose of the processors in the normal rubbish bin - they require special disposal due to their potential environmental impact. | Warnings: Be careful when handling the processor to avoid damaging the delicate pins.

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