

Intel Core Ultra 7 265F processor 30 MB Smart Cache Box



Model: BX80768265F

Manufacturer: INTEL

EAN: 5032037282734

Product Code: 1249701

R8,575

AI software frameworks supported by NPU: WebNN | NPU performance up to: 13 TOPs | Neural processor unit (NPU): Intel AI Boost | Windows Studio effects support: Yes | AI software frameworks supported by NPU: DirectML | Direct Media Interface (DMI) Revision: 4.0 | AI software frameworks supported by NPU: ONNX RT | Performance-core boost frequency: 5.2 GHz | AI software frameworks supported by NPU: Windows ML | Performance cores: 8 | AI software frameworks supported by NPU: OpenVINO | Performance-core base frequency: 2.4 GHz | Sparsity support: Yes | Intel Turbo Boost Max Technology 3.0: Yes | Processor base power: 65 W | Intel® Volume Management Device (VMD): Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Processor generation: Intel Core Ultra (Series 2) | Intel® Turbo Boost Max Technology 3.0 frequency: 5.3 GHz | Maximum number of DMI lanes: 8 | Use conditions: PC/Client/Tablet | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Standard Manageability (ISM): Yes | Intel® Speed Shift Technology: Yes | Mode-based Execute Control (MBE): Yes | Efficient cores: 12 | Intel® Thread Director: Yes | Maximum turbo

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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power: 182 W | Intel® Thunderbolt 4: Yes | AI software frameworks supported by CPU: DirectML | AI software frameworks supported by CPU: ONNX RT | Processor operating modes: 64-bit | AI software frameworks supported by CPU: Windows ML | Discrete graphics card: No | Processor cache: 30 MB | L2 cache: 36864 KB | Memory clock speeds supported by processor: 6400 | On-board graphics card: No | Intel® AES New Instructions (Intel® AES-NI): Yes | Thermal Monitoring Technologies: Yes | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | PCI Express slots version: 4.0 | Total processor performance up to: 25 TOPs | Embedded options available: No | Discrete graphics card model: Not available | Processor cores: 20 | Processor model: 265F | Warnings: Avoid shocks and drops so as not to damage delicate components. | Maximum internal memory: 192 GB | Warnings: Ensure that the processor is adequately cooled to prevent overheating. | Maximum number of PCI Express lanes: 24 | Intel VT-x with Extended Page Tables (EPT): Yes | Processor family: Intel Core Ultra 7 | Execute Disable Bit: Yes | Idle States: Yes | Processor ARK ID: 241064 | 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 | Market segment: Desktop | Box: Yes | Processor socket: FCLGA1851 | Processor codename: Arrow Lake | Processor threads: 20 | Supported instruction sets: SSE4.2 | Memory channels: Dual-channel | Warnings: Do not touch the processor pins to avoid electrostatic damage. | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | Maximum internal memory supported by processor: 192 GB | AI software frameworks supported by CPU: OpenVINO | Supported instruction sets: SSE4.1 | Status: Launched | Intel® Boot Guard: Yes | AI software frameworks supported by CPU: WebNN | Intel 64: Yes | Supported instruction sets: AVX 2.0 | Intel® OS Guard: Yes | Intel® Secure Key: Yes | Enhanced Intel SpeedStep Technology: Yes | Launch date: Q1'25 | Memory types supported by processor: DDR5-SDRAM | Processor manufacturer: Intel

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