

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



Model: BX80768265F

Manufacturer: INTEL

EAN: 5032037282734

Product Code: 609617

R8,461

Performance-core boost frequency: 5.2 GHz | Intel® Standard Manageability (ISM): Yes | Intel® Thread Director: Yes | Processor generation: Intel Core Ultra (Series 2) | Intel® Control-flow Enforcement Technology (CET): Yes | Maximum turbo power: 182 W | Intel® Thunderbolt 4: Yes | Use conditions: PC/Client/Tablet | Intel® Turbo Boost Max Technology 3.0 frequency: 5.3 GHz | Performance-core base frequency: 2.4 GHz | Performance cores: 8 | Maximum number of DMI lanes: 8 | Processor base power: 65 W | Direct Media Interface (DMI) Revision: 4.0 | Efficient cores: 12 | Windows Studio effects support: Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel® Volume Management Device (VMD): Yes | Mode-based Execute Control (MBE): Yes | Intel Turbo Boost Max Technology 3.0: Yes | NPU performance up to: 13 TOPs | Neural processor unit (NPU): Intel AI Boost | AI software frameworks supported by NPU: ONNX RT | Intel® Speed Shift Technology: Yes | AI software frameworks supported by NPU: Windows ML | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: OpenVINO | AI software

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

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