



CPU INTEL Desktop Intel Core Ultra 265F Arrow Lake 1800 MHz Cores 20 30MB Socket LGA1851 65 Watts BOX BX80768265FSRQCV

Model: BX80768265F S RQCV

Manufacturer: INTEL

EAN: 5032037282734

Product Code: 550964

R7,889

The latest Intel® Core™ Ultra processors (Series 2) enable you to use the most AI experiences across desktop, mobile and edge—making everything you do easier, faster, and better.

Summary: Intel Core Ultra 7 265F. Processor family: Intel Core Ultra 7, Processor socket: LGA 1851 (Socket V1), Package type: Box. Neural processor unit (NPU): Intel AI Boost, AI software frameworks supported by NPU: DirectML, OpenVINO, Windows ML, ONNX RT, WebNN, Total processor

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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performance up to: 25 TOPs. Memory channels: Dual-channel, Maximum internal memory supported by processor: 192 GB, Memory types supported by processor: DDR5-SDRAM. Market segment: Desktop, Use conditions: PC/Client/Tablet, PCI Express slots version: 4.0, 5.0. Intel® Turbo Boost Max Technology 3.0 frequency: 5.3 GHz | Vendor Homepage: <https://www.intel.com/content/www/us/en/products/sku/241064/intel-core-ultra-7-processor-265f-30m-cache-up-to-5-30-ghz/ordering.html> | Processor manufacturer: Intel | Processor generation: Intel Core Ultra (Series 2) | Processor model: 265F | Processor family: Intel Core Ultra 7 | Processor cores: 20 | Processor socket: LGA 1851 (Socket V1) | Processor threads: 20 | Processor operating modes: 64-bit | Performance cores: 8 | Efficient cores: 12 | Processor boost frequency: 5.3 | Performance-core boost frequency: 5.2 | Performance-core base frequency: 2.4 | Efficient-core boost frequency: 4.6 | Efficient-core base frequency: 1.8 | Processor cache: 30 | Processor cache type: Smart Cache | Package type: Box | Maximum turbo power: 182 | Processor base power: 65 | AI software frameworks supported by CPU: DirectML/ONNX RT/OpenVINO/WebNN/Windows ML | Maximum number of DMI lanes: 8 | Processor codename: Arrow Lake | Processor ARK ID: 241064 | Neural processor unit (NPU): Intel AI Boost | Sparsity support: Yes | Windows Studio effects support: Yes | AI software frameworks supported by NPU: DirectML/ONNX RT/OpenVINO/WebNN/Windows ML | Total processor performance up to: 25 | NPU performance up to: 13 | Maximum internal memory supported by processor: 192 | Memory types supported by processor: DDR5-SDRAM | Memory clock speeds supported by processor: 6400 | Memory channels: Dual-channel | Discrete graphics card: No | On-board graphics card: No | On-board graphics card model: Not available | Discrete graphics card model: Not available | Execute Disable Bit: Yes | Idle States: Yes | Thermal Monitoring Technologies: Yes | Market segment: Desktop | Use conditions: PC/Client/Tablet | Maximum number of PCI Express lanes: 24 | PCI Express slots version: 4.0/5.0 | Supported instruction sets: AVX 2.0/SSE4.1/SSE4.2 | Direct Media Interface (DMI) Revision: 4.0 | Embedded options available: No | Scalability: 1S | Enhanced Intel SpeedStep Technology: Yes | Intel Trusted Execution Technology: Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® Speed Shift Technology: Yes | Intel® Turbo Boost Technology: 2.0 | Intel® Turbo Boost Max Technology 3.0 frequency: 5.3 | Intel® Thunderbolt 4: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Thread Director: Yes | Intel 64: Yes | Intel Turbo Boost Max Technology 3.0: Yes | Intel Virtualization Technology (VT-x): Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel VT-x with Extended Page Tables (EPT): Yes | Intel® Boot Guard: Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel® OS Guard: Yes | Intel® Secure Key: Yes | Intel® Standard Manageability (ISM): Yes | Intel® Volume Management Device (VMD): Yes | Mode-based Execute Control (MBE): Yes | Maximum operating temperature: 105

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| Launch date: Q1'25 | Status: Launched | L2 cache: 36864 | Maximum internal memory: 192 | Unit
Calculated Weight: 0.45 | Product Net Weight: 0.03 | Unit Calculated Volume: 0.001008 | Units per
Shipping Box: 1 | Unit Width: 8 | Units per Pallet: 0 | Shipping Box Height: 10.5 | Unit Depth: 12 | Unit
Height: 10.5 | Name: CPU CORE U7-265F S1851 BOX/3.9G BX80768265F S RQCV IN | CPU Family
name: Intel Core Ultra | Model number: 265F

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