

Intel Core Ultra 7 265 processor 30 MB Smart Cache Box



Model: BX80768265

Manufacturer: INTEL

EAN: 5032037282512

Product Code: 798644

R9,128

Intel® Thread Director: Yes | Performance cores: 8 | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Thunderbolt 4: Yes | Processor base frequency: 2.4 GHz | Performance-core boost frequency: 5.2 GHz | Intel® Turbo Boost Max Technology 3.0 frequency: 5.3 GHz | Efficient cores: 12 | Intel® Hardware Shield Eligibility: Yes | Intel® Total Memory Encryption - Multi Key: Yes | Intel® Stable IT Platform Program (SIPP): Yes | Intel® Remote Platform Erase (RPE): Yes | GPU performance up to: 8 TOPs | AI software frameworks supported by CPU: WebNN | Maximum internal memory supported by processor: 192 GB | Processor family: Intel Core Ultra 7 | Intel Trusted Execution Technology: Yes | Intel® Deep Learning Boost (Intel® DL Boost) on GPU: Yes | AI software frameworks supported by CPU: Windows ML | NPU performance up to: 13 TOPs | L2 cache: 36864 KB | Processor cache: 30 MB | AI software frameworks supported by CPU: DirectML | AI software frameworks supported by CPU: ONNX RT | Memory types supported by processor: DDR5-SDRAM | Idle States: Yes | AI software frameworks supported by CPU: OpenVINO | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | On-board graphics card outputs supported: DisplayPort 2.1 | Xe-cores: 4 |

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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Launch date: Q1'25 | Intel® Active Management Technology (Intel® AMT): Yes | ECC: Yes | On-board graphics card outputs supported: Embedded DisplayPort (eDP) 1.4b | Intel® Volume Management Device (VMD): Yes | Processor operating modes: 64-bit | Graphics output: DP2.1 UHBR20, HDMI 2.1 FRL 12GHz, eDP1.4b | On-board graphics card dynamic frequency (max): 1950 MHz | Execute Disable Bit: Yes | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 60 Hz | On-board graphics card DirectX version: 12.0 | Mode-based Execute Control (MBE): Yes | Discrete graphics card model: Not available | Intel Turbo Boost Max Technology 3.0: Yes | Processor codename: Arrow Lake | Thermal Monitoring Technologies: Yes | Discrete graphics card: No | Embedded options available: Yes | Number of displays supported (on-board graphics): 4 | Intel® AES New Instructions (Intel® AES-NI): Yes | Total processor performance up to: 33 TOPs | Intel® OS Guard: Yes | On-board graphics card ID: 0x7D67 | Sparsity support: Yes | Intel® Secure Key: Yes | Neural processor unit (NPU): Intel AI Boost | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | PCI Express slots version: 4.0 | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Intel® Speed Shift Technology: Yes | Maximum number of PCI Express lanes: 24 | Intel VT-x with Extended Page Tables (EPT): Yes | Supported instruction sets: SSE4.1 | Intel 64: Yes | Supported instruction sets: SSE4.2 | Processor cores: 20 | On-board graphics card: Yes | Status: Launched | Supported instruction sets: AVX 2.0 | On-board graphics card model: Intel® Graphics | Processor threads: 20 | Box: Yes | Intel® Boot Guard: Yes | Intel® Turbo Boost Technology: 2.0 | Scalability: 15 | Processor model: 265 | Enhanced Intel SpeedStep Technology: Yes | Intel® Quick Sync Video Technology: Yes | Processor manufacturer: Intel | OpenCL version: 3.0 | Processor socket: FCLGA1851 | On-board graphics card base frequency: 300 MHz | Market segment: Desktop | On-board graphics card OpenGL version: 4.5 | Memory clock speeds supported by processor: 6400 MHz | Maximum internal memory: 192 GB | Processor ARK ID: 241068 | Intel® Standard Manageability (ISM): Yes | AI software frameworks supported by NPU: ONNX RT | Maximum number of DMI lanes: 8 | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: DirectML | Use conditions: PC/Client/Tablet | Use conditions: Workstation | Windows Studio effects support: Yes | Processor base power: 65 W | Intel® Threat Detection Technology (TDT): Yes | Maximum turbo power: 182 W | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: Windows ML | Intel® One-Click Recovery: Yes | Intel vPro® Enterprise Platform Eligibility: Yes | Intel® Virtualization Technology with Redirect Protection (VT-rp): Yes | Processor generation: Intel Core Ultra (Series 2) | Direct Media

Interface (DMI) Revision: 4.0 | **Warnings: Avoid shocks and drops so as not to damage delicate**

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components. | Warnings: Do not touch the processor pins to avoid electrostatic damage. | Warnings: Ensure that the processor is adequately cooled to prevent overheating.