

Intel Core Ultra 7 265 processor 30 MB Smart Cache Box



Model: BX80768265

Manufacturer: INTEL

EAN: 5032037282512

Product Code: 1309947

R9,226

Intel® Control-flow Enforcement Technology (CET): Yes | Performance cores: 8 | Intel® Thread Director: Yes | Intel® Thunderbolt 4: Yes | Efficient cores: 12 | Intel® Turbo Boost Max Technology 3.0 frequency: 5.3 GHz | Performance-core boost frequency: 5.2 GHz | Processor base frequency: 2.4 GHz | GPU performance up to: 8 TOPs | Intel® Stable IT Platform Program (SIPP): Yes | Intel® Hardware Shield Eligibility: Yes | Intel® Remote Platform Erase (RPE): Yes | Intel® Total Memory Encryption - Multi Key: Yes | Processor threads: 20 | Memory clock speeds supported by processor: 6400 | PCI Express slots version: 5.0 | Processor cache type: Smart Cache | Processor codename: Arrow Lake | Processor manufacturer: Intel | Intel® AES New Instructions (Intel® AES-NI): Yes | Thermal Monitoring Technologies: Yes | On-board graphics card DirectX version: 12.0 | Launch date: Q1'25 | Xe-cores: 4 | Intel Turbo Boost Max Technology 3.0: Yes | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 Hz | Intel 64: Yes | Supported instruction sets: SSE4.2 | Intel® Speed Shift Technology: Yes | Idle States: Yes | On-board graphics card outputs supported: Embedded DisplayPort (eDP) 1.4b | Memory channels: Dual-channel | On-board graphics card outputs supported: HDMI 2.1 | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | On-board

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graphics card base frequency: 300 MHz | Discrete graphics card: No | Maximum number of PCI Express lanes: 24 | On-board graphics card outputs supported: DisplayPort 2.1 | Windows Studio effects support: Yes | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 60 Hz | Supported instruction sets: AVX 2.0 | Intel® Threat Detection Technology (TDT): Yes | Supported instruction sets: SSE4.1 | Intel® OS Guard: Yes | Intel VT-x with Extended Page Tables (EPT): Yes | On-board graphics card refresh rate at maximum resolution (HDMI): 60 Hz | PCI Express slots version: 4.0 | Intel® Turbo Boost Technology: 2.0 | Scalability: 1S | Number of displays supported (on-board graphics): 4 | Embedded options available: Yes | Status: Launched | Intel® Secure Key: Yes | Neural processor unit (NPU): Intel AI Boost | Enhanced Intel SpeedStep Technology: Yes | Intel Virtualization Technology for Directed I/O (VT-d): Yes | Intel Virtualization Technology (VT-x): Yes | Execute Disable Bit: Yes | On-board graphics card: Yes | Graphics output: DP2.1 UHBR20, HDM2.1 FRL 12GHz, eDP1.4b | AI software frameworks supported by CPU: OpenVINO | Processor cores: 20 | Box: Yes | AI software frameworks supported by CPU: DirectML | AI software frameworks supported by CPU: ONNX RT | AI software frameworks supported by CPU: Windows ML | On-board graphics card dynamic frequency (max): 1950 MHz | On-board graphics card ID: 0x7D67 | Intel® One-Click Recovery: Yes | Processor generation: Intel Core Ultra (Series 2) | Intel® Boot Guard: Yes | AI software frameworks supported by CPU: WebNN | Intel vPro® Enterprise Platform Eligibility: Yes | Intel® Active Management Technology (Intel® AMT): Yes | Direct Media Interface (DMI) Revision: 4.0 | Maximum internal memory: 192 GB | Market segment: Desktop | Processor ARK ID: 241068 | Maximum turbo power: 182 W | Intel® Deep Learning Boost (Intel® DL Boost) on GPU: Yes | Processor model: 265 | Intel® Standard Manageability (ISM): Yes | Discrete graphics card model: Not available | Mode-based Execute Control (MBE): Yes | OpenCL version: 3.0 | Intel® Quick Sync Video Technology: Yes | ECC: Yes | Processor cache: 30 MB | L2 cache: 36864 KB | NPU performance up to: 13 TOPs | Maximum internal memory supported by processor: 192 GB | Processor base power: 65 W | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: Windows ML | Processor family: Intel Core Ultra 7 | Intel Trusted Execution Technology: Yes | AI software frameworks supported by NPU: DirectML | Memory types supported by processor: DDR5-SDRAM | Intel® Virtualization Technology with Redirect Protection (VT-rp): Yes | Total processor performance up to: 33 TOPs | Intel® Volume Management Device (VMD): Yes | Maximum number of DMI lanes: 8 | On-board graphics card model: Intel® Graphics | On-board graphics card OpenGL version: 4.5 | Processor socket: FCLGA1851 | Processor operating modes: 64-bit | Sparsity support: Yes | Use conditions: PC/Client/Tablet | Use conditions: Workstation | Warnings: Avoid shocks and drops so as not to damage delicate components. | Warnings: Do not touch the processor pins to

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avoid electrostatic damage. | Warnings: Ensure that the processor is adequately cooled to prevent overheating.

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