CPU INTEL U5-235 Intel Core Ultra Desktop Intel Core Ultra 5 235 14xCores Cache 24 MB Socket LGA 1851 (Socket V1) GPU Yes Box BX80768235SRQAS

Model: BX80768235 S RQAS

Manufacturer: INTEL

EAN: 5032037282925

Product Code: 551012

R6,254

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 5 235. Processor family: Intel Core Ultra 5, Processor socket: LGA 1851 (Socket V1), Package type: Box. Neural processor unit (NPU): Intel AI Boost, AI software frameworks

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.

supported by NPU: DirectML, OpenVINO, Windows ML, ONNX RT, WebNN, Total processor performance up to: 27 TOPs. Memory channels: Dual-channel, Maximum internal memory supported by processor: 192 GB, Memory types supported by processor: DDR5-SDRAM. On-board graphics card model: Intel Graphics, On-board graphics card outputs supported: HDMI 2.1, Embedded DisplayPort (eDP) 1.4b, DisplayPort 2.1, On-board graphics card base frequency: 300 MHz. Market segment: Desktop, Use conditions: Workstation, PC/Client/Tablet, PCI Express slots version: 4.0, 5.0 | Vendor Homepage: https://www.intel.com/content/www/us/en/products/sku/241674/intel-core-ultra-5-processor-235-24m-cache-up-to-5-00-ghz/ordering.html | Processor manufacturer: Intel | Processor generation: Intel Core Ultra (Series 2) | Processor model: 235 | Processor family: Intel Core Ultra 5 | Processor cores: 14 | Processor socket: LGA 1851 (Socket V1) | Processor operating modes: 64-bit | Performance cores: 6 | Efficient cores: 8 | Processor boost frequency: 5 | Performance-core boost frequency: 5 | Performance-core base frequency: 3.4 | Efficient-core boost frequency: 4.4 | Efficient-core base frequency: 2.9 | Processor cache: 24 | Processor cache type: Smart Cache | Package type: Box | Maximum turbo power: 121 | 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: 241674 | 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: 27 | NPU performance up to: 13 | GPU performance up to: 6 | 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 | ECC: Yes | Discrete graphics card: No | On-board graphics card: Yes | On-board graphics card model: Intel® Graphics | On-board graphics card outputs supported: DisplayPort 2.1/Embedded DisplayPort (eDP) 1.4b/HDMI 2.1 | On-board graphics card base frequency: 300 | On-board graphics card dynamic frequency (max): 2000 | Number of displays supported (on-board graphics): 4 | On-board graphics card DirectX version: 12.0 | On-board graphics card OpenGL version: 4.5 | On-board graphics card refresh rate at maximum resolution (DisplayPort): 60 | On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel): 60 | On-board graphics card refresh rate at maximum resolution (HDMI): 60 | On-board graphics card ID: 0x7D67 | Discrete graphics card model: Not available | Xe-cores: 3 | Execute Disable Bit: Yes | Idle States: Yes | Thermal Monitoring Technologies: Yes | Market segment: Desktop | Use conditions: PC/Client/Tablet/Workstation | 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 |

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

Enhanced Intel SpeedStep Technology: Yes | Intel Trusted Execution Technology: Yes | Intel® AES New Instructions (Intel® AES-NI): Yes | Intel® Quick Sync Video Technology: Yes | Intel® Speed Shift Technology: Yes | Intel® Turbo Boost Technology: 2.0 | Intel® Thunderbolt 4: Yes | Intel® Control-flow Enforcement Technology (CET): Yes | Intel® Thread Director: Yes | Intel 64: 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® Active Management Technology (Intel® AMT): Yes | Intel® Boot Guard: Yes | Intel® Deep Learning Boost (Intel® DL Boost) on CPU: Yes | Intel® Deep Learning Boost (Intel® DL Boost) on GPU: Yes | Intel® One-Click Recovery: Yes | Intel® OS Guard: Yes | Intel® Remote Platform Erase (RPE): Yes | Intel® Secure Key: Yes | Intel® Stable IT Platform Program (SIPP): Yes | Intel® Standard Manageability (ISM): Yes | Intel® Virtualization Technology with Redirect Protection (VT-rp): Yes | Intel® Volume Management Device (VMD): Yes | Mode-based Execute Control (MBE): Yes | Intel vPro® Enterprise Platform Eligibility: Yes | Intel® Hardware Shield Eligibility: Yes | Intel® Threat Detection Technology (TDT): Yes | Intel® Total Memory Encryption - Multi Key: Yes | Maximum operating temperature: 105 | OpenCL version: 3.0 | Launch date: Q1'25 | Status: Launched | Graphics output: DP2.1 UHBR20, HDM2.1 FRL 12GHz, eDP1.4b | L2 cache: 26624 | Maximum internal memory: 192 | Unit Calculated Weight: 0.492 | Product Net Weight: 0.03 | Unit Calculated Volume: 0.001248 | Units per Shipping Box: 5 | Unit Width: 8 | Units per Pallet: 0 | Shipping Box Height: 12 | Unit Depth: 12 | Unit Height: 11 | Name: CPU CORE U5-235 S1851 BOX/3.4G BX80768235 S RQAS IN | Model: Intel Core Ultra 5 235 (BX80768235) | CPU Family name: Intel Core Ultra | Model number: U5-235

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950