Lenovo ThinkBook 16 G8 IAL Intel Core Ultra 5 225U Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro English Grey

Model: 21SK008PPB

Manufacturer: LENOVO

EAN: 198156692771

Product Code: 1736730

R21,856

Bundled software: Office Trial | Certification: TÜV Rheinland Low Blue Light (Software Solution) MIL-STD-810H military test passed | Intel® Thunderbolt 4: Yes | Maximum turbo power: 115 W |

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Processor base power: 15 W | Efficient cores: 8 | Performance-core base frequency: 1.5 GHz | Thunderbolt 4 ports quantity: 1 | RGB colour space: NTSC | Efficient-core base frequency: 1.3 GHz | Maximum shipping altitude: 3048 m | Processor generation: Intel Core Ultra (Series 2) | Performance cores: 2 | On-board GPU manufacturer: Intel | Memory layout (slots x size): 1 x 16 GB | Keyboard backlit: Yes | Performance-core Max Turbo Frequency: 4.8 GHz | Operating system architecture: 64-bit | Number of microphones: 2 | Spill-resistant keyboard: Yes | Display brightness: 300 cd/m² | Front camera resolution: 1920 x 1080 pixels | Number of SSDs installed: 1 | Password protection: Yes | M.2 SSD size: 2242 (22 x 42 mm) | Bluetooth version: 5.3 | Panel type: IPS | Product type: Laptop | Battery life (max): 7.7 h | USB Type-C DisplayPort Alternate Mode: Yes | Efficient-core Max Turbo Frequency: 3.8 GHz | Speaker power: 2 W | Fingerprint reader: Yes | Number of built-in speakers: 2 | NVMe: Yes | SSD capacity: 512 GB | Front camera HD type: Full HD | SSD form factor: M.2 | Contrast ratio (typical): 1000:1 | Windows Hello: Yes | Housing material: Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC) | Mobile network connection: No | Touchscreen: No | Maximum refresh rate: 60 Hz | Colour gamut: 45% | Total SSDs capacity: 512 GB | Memory slots: 2x SO-DIMM | SSD interface: PCI Express 4.0 | Storage temperature (T-T): 5 - 43 °C | Low Power Efficient-cores: 2 | Operating relative humidity (H-H): 8 - 95% | Storage relative humidity (H-H): 5 - 95% | USB Sleep-and-Charge: Yes | USB Power Delivery (USB PD): Yes | WWAN: Not installed | Fast charging: Yes | Infrared (IR) camera: Yes | Anti-glare screen: Yes | Processor model: 225U | USB Sleep-and-Charge ports: 1 | Combo headphone/mic port: Yes | Colour name: Arctic Grey | Processor cores: 12 | Continuous video playback time (max): 13.1 h | Cable lock slot type: Kensington | Trusted Platform Module (TPM) version: 2.0 | Neural processor unit (NPU): Intel AI Boost | Internal memory: 16 GB | Low Power Efficient-core Max Turbo Frequency: 2.4 GHz | Operating system language: Dutch | Operating system language: French | Operating system language: Italian | Fast charging time (50%): 30 min | Operating system language: German | Operating system language: English | Processor cache: 12 MB | Numeric keypad: Yes | Copilot key: Yes | Trial software: Office | Width: 356 mm | Card reader integrated: Yes | Battery technology: Lithium Polymer (LiPo) | Ethernet LAN: Yes | Discrete graphics card: No | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: DirectML | USB Type-C charging port: Yes | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | AI software frameworks supported by NPU: WebNN | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Depth: 253.5 mm | HDMI version: 2.1 | Windows Studio effects support: Yes | Compatible memory cards: SD | Memory clock speed: 5600 MHz | AI software frameworks supported by NPU: ONNX RT | HDMI ports quantity: 1 | Total storage capacity: 512 GB | Pointing device: Touchpad | On-board graphics card family: Intel® Graphics | AC adapter power: 65 W | Storage media: SSD | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Memory form factor: SO-DIMM | AI

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software frameworks supported by NPU: Windows ML | Memory channels: Single-channel | Internal memory type: DDR5-SDRAM | Height: 17.5 mm | Processor manufacturer: Intel | Operating system installed: Windows 11 Pro | Processor threads: 14 | Wi-Fi standards: Wi-Fi 6E (802.11ax) | Bluetooth: Yes | On-board graphics card: Yes | Low Power Efficient-core Base Frequency: 700 MHz | Ethernet LAN (RJ-45) ports: 1 | Battery capacity: 45 Wh | Antenna type: 2x2 | Audio system: Dolby Audio | Audio chip: Realtek ALC3287 | Operating temperature (T-T): 5 - 35 °C | On-board graphics card model: Intel® Graphics | HD type: WUXGA | Compliance certificates: RoHS | AC adapter included: Yes | Native aspect ratio: 16:10 | Product colour: Grey | Discrete graphics card model: Not available | AC adapter frequency: 50/60 Hz | Front camera: Yes | Optical drive type: No | Display diagonal: 40.6 cm (16") | Sparsity support: Yes | Ethernet LAN data rates: 1000 | Processor boost frequency: 4.8 GHz | Ethernet LAN data rates: 100 | Maximum internal memory: 64 GB | Cable lock slot: Yes | Trusted Platform Module (TPM): Yes | Built-in microphone: Yes | LED backlight: Yes | Weight: 1.7 kg | Display resolution: 1920 x 1200 pixels | AC adapter input voltage: 100 - 240 V | Motherboard chipset: Intel SoC | Processor family: Intel Core Ultra 5

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