Lenovo ThinkBook 16 G8 IAL Intel Core Ultra 7 255H Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro English Grey

Model: 21SK008QPB

Manufacturer: LENOVO

EAN: 198156692788

Product Code: 1181862

R25,515

Bundled software: Office Trial | Certification: TÜV Rheinland Low Blue Light (Software Solution) MIL-STD-810H military test passed | Total processor performance up to: 96 TOPs | GPU performance up

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to: 74 TOPs | USB Type-C charging port: Yes | Copilot key: Yes | LED backlight: Yes | Maximum internal memory: 64 GB | Antenna type: 2x2 | Processor boost frequency: 5.1 GHz | Display diagonal: 40.6 cm (16") | Ethernet LAN data rates: 100 | Ethernet LAN data rates: 1000 Mbit/s | Audio system: Dolby Audio | Weight: 1.7 kg | Display resolution: 1920 x 1200 pixels | AC adapter input voltage: 100 - 240 V | Audio chip: Realtek ALC3287 | Bluetooth: Yes | Trusted Platform Module (TPM): Yes | Motherboard chipset: Intel SoC | Cable lock slot: Yes | Native aspect ratio: 16:10 | Discrete graphics card model: Not available | HD type: WUXGA | Product colour: Grey | Built-in microphone: Yes | Front camera: Yes | Performance-core Max Turbo Frequency: 5.1 GHz | Internal memory type: DDR5-SDRAM | Internal memory: 16 GB | M.2 SSD size: 2242 (22 x 42 mm) | Processor threads: 16 | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Optical drive type: No | Operating relative humidity (H-H): 8 - 95% | Ethernet LAN (RJ-45) ports: 1 | Memory form factor: SO-DIMM | Processor model: 255H | Efficient-core Max Turbo Frequency: 4.4 GHz | Storage relative humidity (H-H): 5 - 95% | On-board graphics card model: Intel Arc 140T | Memory clock speed: 5600 MHz | Processor cores: 16 | Cable lock slot type: Kensington | Storage temperature (T-T): 5 - 43 °C | AC adapter included: Yes | Processor family: Intel Core Ultra 7 | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: DirectML | Windows Studio effects support: Yes | Low Power Efficient-core Max Turbo Frequency: 2.5 GHz | NPU performance up to: 13 TOPs | Low Power Efficient-cores: 2 | AI software frameworks supported by NPU: ONNX RT | Low Power Efficient-core Base Frequency: 700 MHz | AI software frameworks supported by NPU: Windows ML | Neural processor unit (NPU): Intel AI Boost | Compliance certificates: RoHS | Sparsity support: Yes | AI software frameworks supported by NPU: OpenVINO | Numeric keypad: Yes | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Width: 356 mm | Processor cache: 24 MB | Ethernet LAN: Yes | Discrete graphics card: No | On-board graphics card: Yes | Trial software: Office | Processor manufacturer: Intel | Wi-Fi standards: Wi-Fi 6E (802.11ax) | HDMI version: 2.1 | Pointing device: Touchpad | Depth: 253.5 mm | HDMI ports quantity: 1 | Battery technology: Lithium Polymer (LiPo) | On-board graphics card family: Intel Arc Graphics | Operating system installed: Windows 11 Pro | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Height: 17.5 mm | Compatible memory cards: SD | Total storage capacity: 512 GB | Memory channels: Single-channel | Card reader integrated: Yes | Storage media: SSD | Processor generation: Intel Core Ultra (Series 2) | Maximum shipping altitude: 3048 m | Efficient-core base frequency: 1.5 GHz | RGB colour space: NTSC | Performance cores: 6 | On-board GPU manufacturer: Intel | Efficient cores: 8 | Processor base power: 28 W | Performance-core base frequency: 2 GHz | Intel® Thunderbolt 4: Yes | Maximum turbo power: 115 W | Thunderbolt 4 ports quantity: 1 | Windows Hello: Yes | Panel type: IPS | Display brightness: 300 cd/m² | Number of SSDs installed: 1 | Password protection: Yes | Keyboard backlit:

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Yes | Fingerprint reader: Yes | USB Sleep-and-Charge: Yes | Bluetooth version: 5.3 | Mobile network connection: No | NVMe: Yes | Colour gamut: 45% | Product type: Laptop | Spill-resistant keyboard: Yes | Memory slots: 2x SO-DIMM | AC adapter power: 65 W | Total SSDs capacity: 512 GB | USB Sleep-and-Charge ports: 1 | Housing material: Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC) | Memory layout (slots x size): 1 x 16 GB | Front camera resolution: 1920 x 1080 pixels | Maximum refresh rate: 60 Hz | USB Type-C DisplayPort Alternate Mode: Yes | Speaker power: 2 W | SSD interface: PCI Express 4.0 | Touchscreen: No | Front camera HD type: Full HD | Battery capacity: 45 Wh | SSD form factor: M.2 | Contrast ratio (typical): 1000:1 | Number of built-in speakers: 2 | AC adapter frequency: 50/60 Hz | SSD capacity: 512 GB | Operating system architecture: 64-bit | Number of microphones: 2 | Battery life (max): 7.7 h | WWAN: Not installed | USB Power Delivery (USB PD): Yes | Anti-glare screen: Yes | Operating system language: Dutch | Trusted Platform Module (TPM) version: 2.0 | Fast charging: Yes | Operating system language: English | Operating system language: German | Infrared (IR) camera: Yes | Colour name: Arctic Grey | Continuous video playback time (max): 13.1 h | Operating system language: French | Operating system language: Italian | Fast charging time (50%): 30 min

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