

**Lenovo  
ThinkBook 16 G8  
IAL Intel Core  
Ultra 7 255H  
Laptop 40.6 cm  
(16) WUXGA 32  
GB DDR5-  
SDRAM 1 TB  
SSD Wi-Fi 6E  
(802.11ax)  
Windows 11 Pro  
English Grey**



Model: 21SK009RPB

Manufacturer: LENOVO

EAN: 198157325883

Product Code: 300098

**R30,238**

Bundled software: Office Trial + Lenovo AI Now | Certification: TÜV Rheinland Low Blue Light

(Software Solution) MIL-STD-810H military test passed | Storage media: SSD | Trusted Platform

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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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Module (TPM) version: 2.0 | On-board graphics card family: Intel Arc Graphics | Operating system installed: Windows 11 Pro | Memory slots: 2x SO-DIMM | Performance-core Max Turbo Frequency: 5.1 GHz | Operating system architecture: 64-bit | Number of microphones: 2 | Spill-resistant keyboard: Yes | Performance-core base frequency: 2 GHz | Processor manufacturer: Intel | NVMe: Yes | Operating system language: English | Operating system language: French | Operating system language: Italian | Fast charging time (50%): 30 min | Card reader integrated: Yes | Operating system language: German | Operating system language: Dutch | AC adapter power: 65 W | Battery capacity: 45 Wh | Wi-Fi standards: Wi-Fi 6E (802.11ax) | On-board GPU manufacturer: Intel | USB Power Delivery (USB PD): Yes | Trial software: Office | WWAN: Not installed | Keyboard backlit: Yes | Maximum turbo power: 115 W | USB Type-C DisplayPort Alternate Mode: Yes | Memory layout (slots x size): 2 x 16 GB | Front camera HD type: Full HD | SSD interface: PCI Express 4.0 | Memory channels: Single-channel | Battery life (max): 7.7 h | Infrared (IR) camera: Yes | Depth: 253.5 mm | Number of built-in speakers: 2 | HDMI version: 2.1 | Numeric keypad: Yes | Bluetooth version: 5.3 | M.2 SSD size: 2242 (22 x 42 mm) | Efficient-core Max Turbo Frequency: 4.4 GHz | Compatible memory cards: SD | Front camera resolution: 1920 x 1080 pixels | Product type: Laptop | Maximum refresh rate: 60 Hz | Continuous video playback time: 13.1 h | USB Sleep-and-Charge: Yes | Panel type: IPS | Fingerprint reader: Yes | Number of SSDs installed: 1 | Password protection: Yes | Anti-glare screen: Yes | On-board graphics card: Yes | SSD capacity: 1 TB | Processor base power: 28 W | Ethernet LAN: Yes | Discrete graphics card: No | Total SSDs capacity: 1 TB | Colour gamut: 45% | RGB colour space: NTSC | Windows Hello: Yes | Contrast ratio (typical): 1000:1 | Display brightness: 300 cd/m<sup>2</sup> | Battery technology: Lithium Polymer (LiPo) | Housing material: Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC) | Height: 17.5 mm | Processor generation: Intel Core Ultra (Series 2) | Intel® Thunderbolt 4: Yes | Thunderbolt 4 ports quantity: 1 | Fast charging: Yes | USB Sleep-and-Charge ports: 1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Width: 356 mm | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Performance cores: 6 | Low Power Efficient-core Max Turbo Frequency: 2.5 GHz | AC adapter frequency: 50/60 Hz | Efficient-core base frequency: 1.5 GHz | Maximum shipping altitude: 3048 m | Windows Studio effects support: Yes | Mobile network connection: No | Touchscreen: No | Speaker power: 2 W | Compliance certificates: RoHS | Pointing device: Touchpad | Colour name: Arctic Grey | Efficient cores: 8 | HDMI ports quantity: 1 | Sparsity support: Yes | SSD form factor: M.2 | Neural processor unit (NPU): Intel AI Boost | NPU performance up to: 13 TOPs | Low Power Efficient-cores: 2 | AI software frameworks supported by NPU: Windows ML | Low Power Efficient-core Base Frequency: 700 MHz | AI software frameworks supported by NPU: DirectML | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: WebNN | Internal memory type:

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DDR5-SDRAM | Maximum internal memory: 64 GB | Audio system: Dolby Audio | Memory form factor: SO-DIMM | Native aspect ratio: 16:10 | Processor model: 255H | Trusted Platform Module (TPM): Yes | Ethernet LAN (RJ-45) ports: 1 | Ethernet LAN data rates: 1000 Mbit/s | On-board graphics card model: Intel Arc 140T | Memory clock speed: 5600 MHz | Ethernet LAN data rates: 100 | Cable lock slot type: Kensington | Processor family: Intel Core Ultra 7 | Processor cache: 24 MB | Processor cores: 16 | Display resolution: 1920 x 1200 pixels | Cable lock slot: Yes | LED backlight: Yes | Operating relative humidity (H-H): 8 - 95% | Processor boost frequency: 5.1 GHz | Total storage capacity: 1 TB | Motherboard chipset: Intel SoC | Front camera: Yes | Optical drive type: No | Built-in microphone: Yes | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Weight: 1.7 kg | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Processor threads: 16 | Audio chip: Realtek ALC3287 | HD type: WUXGA | Storage temperature (T-T): 5 - 43 °C | AC adapter input voltage: 100 - 240 V | Storage relative humidity (H-H): 5 - 95% | Product colour: Grey | Internal memory: 32 GB | AC adapter included: Yes | Display diagonal: 40.6 cm (16") | Antenna type: 2x2 | Discrete graphics card model: Not available | Bluetooth: Yes | GPU performance up to: 74 TOPs | Copilot key: Yes | Total processor performance up to: 96 TOPs | USB Type-C charging port: Yes

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