



**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: 1178196

R21,658

Bundled software: Office Trial | Certification: TÜV Rheinland Low Blue Light (Software Solution) MIL-

STD-810H military test passed | Touchscreen: No | Speaker power: 2 W | Fingerprint reader: Yes |

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.

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Panel type: IPS | NVMe: Yes | USB Sleep-and-Charge ports: 1 | Windows Hello: Yes | Spill-resistant keyboard: Yes | Battery capacity: 45 Wh | SSD form factor: M.2 | Memory layout (slots x size): 1 x 16 GB | Operating system language: German | Housing material: Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC) | USB Power Delivery (USB PD): Yes | On-board graphics card family: Intel® Graphics | Product type: Laptop | Performance-core base frequency: 1.5 GHz | Processor generation: Intel Core Ultra (Series 2) | Operating system installed: Windows 11 Pro | Number of built-in speakers: 2 | Efficient cores: 8 | Trusted Platform Module (TPM) version: 2.0 | USB Type-C DisplayPort Alternate Mode: Yes | Processor base power: 15 W | Keyboard backlit: Yes | Number of SSDs installed: 1 | Password protection: Yes | AC adapter power: 65 W | Front camera resolution: 1920 x 1080 pixels | Display brightness: 300 cd/m² | Colour gamut: 45% | Continuous video playback time (max): 13.1 h | SSD interface: PCI Express 4.0 | Intel® Thunderbolt 4: Yes | Maximum turbo power: 115 W | Bluetooth version: 5.3 | Fast charging: Yes | Colour name: Arctic Grey | Contrast ratio (typical): 1000:1 | Front camera HD type: Full HD | Operating system language: Dutch | Anti-glare screen: Yes | Operating system language: English | WWAN: Not installed | AC adapter frequency: 50/60 Hz | USB Sleep-and-Charge: Yes | Mobile network connection: No | On-board GPU manufacturer: Intel | Performance cores: 2 | Maximum shipping altitude: 3048 m | Efficient-core base frequency: 1.3 GHz | RGB colour space: NTSC | Thunderbolt 4 ports quantity: 1 | SSD capacity: 512 GB | Total SSDs capacity: 512 GB | Infrared (IR) camera: Yes | Maximum refresh rate: 60 Hz | Memory slots: 2x SO-DIMM | Battery life (max): 7.7 h | Operating system language: French | Operating system language: Italian | Fast charging time (50%): 30 min | Operating system architecture: 64-bit | Number of microphones: 2 | AC adapter input voltage: 100 - 240 V | Trusted Platform Module (TPM): Yes | Compatible memory cards: SD | Depth: 253.5 mm | Processor boost frequency: 4.8 GHz | Processor threads: 14 | LED backlight: Yes | Height: 17.5 mm | Internal memory: 16 GB | Cable lock slot type: Kensington | Motherboard chipset: Intel SoC | Ethernet LAN (RJ-45) ports: 1 | Operating relative humidity (H-H): 8 - 95% | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Trial software: Office | Discrete graphics card model: Not available | Native aspect ratio: 16:10 | Ethernet LAN: Yes | Discrete graphics card: No | Weight: 1.7 kg | Processor manufacturer: Intel | Display resolution: 1920 x 1200 pixels | Processor family: Intel Core Ultra 5 | Processor cache: 12 MB | Numeric keypad: Yes | Display diagonal: 40.6 cm (16") | Copilot key: Yes | Internal memory type: DDR5-SDRAM | Width: 356 mm | Wi-Fi standards: Wi-Fi 6E (802.11ax) | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Ethernet LAN data rates: 1000 Mbit/s | Pointing device: Touchpad | Storage relative humidity (H-H): 5 - 95% | Ethernet LAN data rates: 100 | Audio system: Dolby Audio | HDMI ports quantity: 1 | Processor cores: 12 | Maximum internal memory: 64 GB | On-board graphics card model: Intel® Graphics | On-board graphics card: Yes | Processor model: 225U | Top Wi-Fi

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standard: Wi-Fi 6E (802.11ax) | Cable lock slot: Yes | USB Type-C charging port: Yes | Storage temperature (T-T): 5 - 43 °C | Product colour: Grey | Battery technology: Lithium Polymer (LiPo) | Antenna type: 2x2 | Memory form factor: SO-DIMM | Memory clock speed: 5600 MHz | HDMI version: 2.1 | Windows Studio effects support: Yes | Neural processor unit (NPU): Intel AI Boost | Front camera: Yes | Optical drive type: No | Built-in microphone: Yes | HD type: WUXGA | AC adapter included: Yes | Performance-core Max Turbo Frequency: 4.8 GHz | Low Power Efficient-core Base Frequency: 700 MHz | Bluetooth: Yes | Total storage capacity: 512 GB | M.2 SSD size: 2242 (22 x 42 mm) | Low Power Efficient-cores: 2 | AI software frameworks supported by NPU: Windows ML | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: WebNN | Card reader integrated: Yes | Compliance certificates: RoHS | Audio chip: Realtek ALC3287 | AI software frameworks supported by NPU: DirectML | Low Power Efficient-core Max Turbo Frequency: 2.4 GHz | Storage media: SSD | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Efficient-core Max Turbo Frequency: 3.8 GHz | Memory channels: Single-channel | AI software frameworks supported by NPU: OpenVINO | Sparsity support: Yes