



**Lenovo
ThinkBook 14 G8
IAL Intel Core
Ultra 7 255H
Laptop 35.6 cm
(14) WUXGA 16
GB DDR5-
SDRAM 512 GB
SSD Wi-Fi 6E
(802.11ax)
Windows 11 Pro
English Grey**

Model: 21SJ0089PB

Manufacturer: LENOVO

EAN: 198156692740

Product Code: 990402

R25,317

Bundled software: Office Trial | Certification: ErP Lot 6/26 TCO Certified 10.0 MIL-STD-810H TÜV

Rheinland® Low Blue Light (Software Solution) | USB Type-C charging port: Yes | Total processor

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performance up to: 96 TOPs | GPU performance up to: 74 TOPs | Copilot key: Yes | Product colour: Grey | Native aspect ratio: 16:10 | Bluetooth: Yes | Display diagonal: 35.6 cm (14") | LED backlight: Yes | Audio system: Dolby Audio | Processor cores: 16 | On-board graphics card model: Intel Arc 140T | Cable lock slot type: Kensington | Storage temperature (T-T): 5 - 43 °C | Processor model: 255H | Trusted Platform Module (TPM): Yes | Operating relative humidity (H-H): 8 - 95% | HD type: WUXGA | Maximum internal memory: 64 GB | Weight: 1.36 kg | Motherboard chipset: Intel SoC | Processor family: Intel Core Ultra 7 | Processor boost frequency: 5.1 GHz | Audio chip: Realtek ALC3287 | Internal memory: 16 GB | Display resolution: 1920 x 1200 pixels | Ethernet LAN (RJ-45) ports: 1 | Ethernet LAN data rates: 1000 Mbit/s | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Ethernet LAN data rates: 100 Mbit/s | Front camera: Yes | Optical drive type: No | Discrete graphics card model: Not available | Storage relative humidity (H-H): 5 - 95% | AC adapter input voltage: 100 - 240 V | Antenna type: 2x2 | AC adapter included: Yes | Cable lock slot: Yes | Built-in microphone: Yes | SSD capacity: 512 GB | On-board GPU manufacturer: Intel | RGB colour space: NTSC | Low Power Efficient-core Max Turbo Frequency: 2.5 GHz | Spill-resistant keyboard: Yes | Performance cores: 6 | Processor generation: Intel Core Ultra (Series 2) | Performance-core base frequency: 2 GHz | Windows Studio effects support: Yes | NPU performance up to: 13 TOPs | Low Power Efficient-cores: 2 | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: ONNX RT | Thunderbolt 4 ports quantity: 1 | AI software frameworks supported by NPU: Windows ML | AI software frameworks supported by NPU: DirectML | Neural processor unit (NPU): Intel AI Boost | Efficient cores: 8 | Bluetooth version: 5.3 | Processor base power: 28 W | Keyboard backlit: Yes | Low Power Efficient-core Base Frequency: 700 MHz | Compliance certificates: RoHS | Maximum shipping altitude: 3048 m | Efficient-core base frequency: 1.5 GHz | Sparsity support: Yes | Efficient-core Max Turbo Frequency: 4.4 GHz | Performance-core Max Turbo Frequency: 5.1 GHz | M.2 SSD size: 2242 (22 x 42 mm) | Intel® Thunderbolt 4: Yes | Maximum turbo power: 115 W | Windows Hello: Yes | USB Sleep-and-Charge ports: 1 | Anti-glare screen: Yes | Colour name: Arctic Grey | Front camera HD type: Full HD | Speaker power: 2 W | Number of microphones: 2 | Trusted Platform Module (TPM) version: 2.0 | Continuous video playback time (max): 14.2 h | Total SSDs capacity: 512 GB | Colour gamut: 45% | Infrared (IR) camera: Yes | Maximum refresh rate: 60 Hz | Battery life (max): 9.2 h | USB Power Delivery (USB PD): Yes | SSD interface: PCI Express 4.0 | Mobile network connection: No | Fast charging: Yes | Number of built-in speakers: 2 | USB Sleep-and-Charge: Yes | WWAN: Not installed | Front camera resolution: 1920 x 1080 pixels | Fast charging time (50%): 30 min | Operating system language: English | Operating system language: Polish | Number of SSDs installed: 1 | Password protection: Yes | USB Type-C DisplayPort Alternate Mode: Yes | Compatible memory cards: SD | Product type: Laptop |

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Touchscreen: No | Battery technology: Lithium Polymer (LiPo) | Memory form factor: SO-DIMM | Height: 17.5 mm | On-board graphics card: Yes | Battery capacity: 45 Wh | Operating system architecture: 64-bit | Processor threads: 16 | Memory channels: Single-channel | Top Wi-Fi standard: Wi-Fi 6E (802.11ax) | Housing material: Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC) | Pointing device: Touchpad | Total storage capacity: 512 GB | NVMe: Yes | Fingerprint reader: Yes | Display brightness: 300 cd/m² | Internal memory type: DDR5-SDRAM | On-board graphics card family: Intel Arc Graphics | HDMI version: 2.1 | Trial software: Office | Processor cache: 24 MB | Numeric keypad: No | Ethernet LAN: Yes | Discrete graphics card: No | SSD form factor: M.2 | Processor manufacturer: Intel | Memory clock speed: 5600 MHz | Panel type: IPS | Depth: 224 mm | HDMI ports quantity: 1 | Wi-Fi standards: Wi-Fi 6E (802.11ax) | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Contrast ratio (typical): 1000:1 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Operating system installed: Windows 11 Pro | Storage media: SSD | Memory slots: 2x SO-DIMM | Memory layout (slots x size): 1 x 16 GB | Card reader integrated: Yes | Width: 313.5 mm | AC adapter power: 65 W | AC adapter frequency: 50/60 Hz

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