

**Lenovo  
ThinkCentre neo  
50a 24 Gen 5  
Intel Core i5 i5-  
13420H 60.5 cm  
(23.8) 1920 x  
1080 pixels All-  
in-One PC 16 GB  
DDR5-SDRAM  
512 GB SSD  
Windows 11 Pro  
Wi-Fi 6  
(802.11ax) Grey**



Model: 12SD0023PB

Manufacturer: LENOVO

EAN: 197530794810

Product Code: 298885

**R19,179**

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Audio chip: Realtek ALC233-CG | Product colour: Grey | Display diagonal: 60.5 cm (23.8") | Discrete graphics card model: Not available | Bluetooth: Yes | Package width: 670 mm | HD type: Full HD | Depth (with stand): 192 mm | Storage temperature (T-T): -20 - 60 °C | Processor cores: 8 | Processor family: Intel® Core™ i5 | Antenna type: 2x2 | Trusted Platform Module (TPM): Yes | Audio system: HD | On-board graphics card model: Intel® UHD Graphics | Processor model: i5-13420H | Processor threads: 12 | Tilt angle range: -5 - 15° | Built-in microphone: Yes | Ethernet LAN data rates: 1000 Mbit/s | Ethernet LAN data rates: 100 | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Maximum internal memory: 32 GB | Motherboard chipset: Intel SoC | Operating relative humidity (H-H): 20 - 80% | Processor boost frequency: 4.6 GHz | Internal memory type: DDR5-SDRAM | Internal memory: 16 GB | Ethernet LAN (RJ-45) ports: 1 | Package weight: 9.55 kg | Display resolution: 1920 x 1080 pixels | Non-ECC: Yes | Height (with stand): 431 mm | Width (with stand): 540 mm | AC adapter input voltage: 100 - 240 V | USB 2.0 ports quantity: 2 | Native aspect ratio: 16:9 | Operating altitude: 0 - 3048 m | Storage relative humidity (H-H): 10 - 90% | Compliance certificates: REACH | Compliance certificates: RoHS | Compliance certificates: WEEE | Efficient-core Max Turbo Frequency: 3.4 GHz | Performance-core Max Turbo Frequency: 4.6 GHz | M.2 SSD size: 2280 (22 x 80 mm) | Processor base power: 45 W | Bluetooth version: 5.2 | Number of storage drives supported: 1 | Performance cores: 4 | ECC: No | Processor cache: 12 MB | Numeric keypad: Yes | Mouse connectivity: Wireless | On-board GPU manufacturer: Intel | Wi-Fi standards: 802.11b | Memory form factor: DIMM/SO-DIMM | Wi-Fi: Yes | Keyboard layout: QWERTY | Processor cache type: Smart Cache | Memory slots: 2 | Storage media: SSD | Weight (with stand): 6 kg | Efficient cores: 4 | Operating system installed: Windows 11 Pro | RGB colour space: sRGB | Top Wi-Fi standard: Wi-Fi 6 (802.11ax) | Memory clock speed: 5200 MHz | On-board graphics card family: Intel® UHD Graphics | NVMe: Yes | Product type: All-in-One PC | Wi-Fi standards: Wi-Fi 4 (802.11n) | Memory slots type: SO-DIMM | Wi-Fi standards: Wi-Fi 5 (802.11ac) | Wi-Fi standards: 802.11g | Keyboard connectivity: Wireless | Package depth: 229 mm | Non-operating altitude: 0 - 12192 m | Wi-Fi standards: 802.11a | Wi-Fi standards: Wi-Fi 6 (802.11ax) | Keyboard language: English | Number of speakers: 2 | Processor generation: 13th gen Intel® Core™ i5 | Total storage capacity: 512 GB | Operating system architecture: 64-bit | Ethernet LAN: Yes | Discrete graphics card: No | Mouse included: Yes | Wall mountable: No | SSD interface: PCI Express 4.0 | AC adapter frequency: 50/60 Hz | Built-in speaker(s): Yes | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | On/off button: Yes | WLAN controller manufacturer: Intel | Tilt adjustment: Yes | AC adapter power: 135 W | Colour name: Luna Grey | SSD form factor: M.2 | Total megapixels: 5 MP | Trusted Platform Module (TPM) version: 2.0 | Panel type: IPS | Display brightness: 250 cd/m<sup>2</sup> | HDMI ports quantity: 2 |

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Keyboard included: Yes | Built-in camera: Yes | Processor manufacturer: Intel | Number of storage drives installed: 1 | Memory layout (slots x size): 1 x 16 GB | HDMI version: 1.4/2.1 | WLAN controller model: Intel Wi-Fi 6 AX201 | Touchscreen: No | Low Blue Light technology: Yes | Maximum turbo power: 115 W | Package height: 553 mm | Anti-glare screen: Yes | Card reader integrated: No | Market positioning: Business | On-board graphics card: Yes | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Total SSDs capacity: 512 GB | Operating system language: Polish | RMS rated power: 3 W | Colour gamut: 99% | Number of SSDs installed: 1 | Operating system language: English | Speakers manufacturer: Harman Kardon

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