

**Lenovo
ThinkCentre neo
50a 24 Gen 5
Intel Core i7 i7-
13620H 60.5 cm
(23.8) 1920 x
1080 pixels
Touchscreen All-
in-One PC 16 GB
DDR5-SDRAM
512 GB SSD
Windows 11 Pro
Wi-Fi 6
(802.11ax) Grey**



Model: 12SD0020PB

Manufacturer: LENOVO

EAN: 197530795022

Product Code: 970476

R23,126

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Certification: ErP Lot 3 and Lot 7 GREENGUARD® RoHS / WEEE / REACH TÜV Rheinland® Flicker Free
TÜV Rheinland Low Blue Light TÜV Rheinland Ultra Low Noise ENERGY STAR 8.0 EPEAT Silver
Registered | Bluetooth version: 5.2 | Processor base power: 45 W | Operating relative humidity (H-H):
20 - 80% | Efficient cores: 4 | Internal memory type: DDR5-SDRAM | Built-in speaker(s): Yes | Number
of storage drives installed: 1 | Number of speakers: 2 | Product type: All-in-One PC | Package width:
670 mm | Trusted Platform Module (TPM) version: 2.0 | Sustainability certificates: ENERGY STAR |
Processor cores: 10 | Cable lock slot type: Kensington | Memory slots: 2 | Processor cache type:
Smart Cache | Processor model: i7-13620H | Memory clock speed: 5200 MHz | Processor family:
Intel® Core™ i7 | Weight (with stand): 6 kg | Sustainability certificates: EPEAT Silver | Package
weight: 9.55 kg | Storage relative humidity (H-H): 10 - 90% | On-board graphics card: Yes | Wi-Fi
standards: Wi-Fi 6 (802.11ax) | Efficient-core Max Turbo Frequency: 3.6 GHz | USB 3.2 Gen 2 (3.1
Gen 2) Type-A ports quantity: 1 | WLAN controller manufacturer: Intel | Mouse connectivity: Wireless
| Colour gamut: 99% | Keyboard included: Yes | Processor threads: 16 | SSD form factor: M.2 |
Operating system installed: Windows 11 Pro | Processor cache: 24 MB | Anti-glare screen: Yes | SSD
interface: PCI Express 4.0 | Colour name: Luna Grey | Memory form factor: DIMM/SO-DIMM | Wi-Fi:
Yes | AC adapter frequency: 50/60 Hz | Display brightness: 250 cd/m² | Combo headphone/mic port:
Yes | Operating temperature (T-T): 5 - 35 °C | Processor generation: 13th gen Intel® Core™ i7 | Total
megapixels: 5 MP | Touchscreen: Yes | Speakers manufacturer: Harman Kardon | Top Wi-Fi standard:
Wi-Fi 6 (802.11ax) | On-board GPU manufacturer: Intel | Memory slots type: SO-DIMM | Ethernet LAN:
Yes | Discrete graphics card: No | RMS rated power: 6 W | Keyboard language: English | Total SSDs
capacity: 512 GB | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Operating system language:
Polish | NVMe: Yes | Memory layout (slots x size): 1 x 16 GB | Operating system language: English |
Number of SSDs installed: 1 | SSD capacity: 512 GB | Non-operating altitude: 0 - 12192 m | Storage
media: SSD | BIOS password: Yes | Keyboard connectivity: Wireless | On-board graphics card family:
Intel® UHD Graphics | Package depth: 229 mm | Storage temperature (T-T): -20 - 60 °C | Total
storage capacity: 512 GB | Maximum turbo power: 115 W | Package height: 553 mm | RGB colour
space: sRGB | Processor manufacturer: Intel | USB 2.0 ports quantity: 2 | AC adapter power: 135 W |
Card reader integrated: No | Performance-core Max Turbo Frequency: 4.9 GHz | Performance cores: 6
| Operating altitude: 0 - 3048 m | WLAN controller model: Intel Wi-Fi 6 AX201 | HDMI version: 1.4/2.1
| Built-in camera: Yes | Panel type: IPS | Internal memory: 16 GB | Tilt adjustment: Yes | Mouse
included: Yes | HDMI ports quantity: 2 | Audio system: HD | Tilt angle range: -5 - 15° | Native aspect
ratio: 16:9 | Antenna type: 2x2 | Ethernet LAN (RJ-45) ports: 1 | Display resolution: 1920 x 1080
pixels | Motherboard chipset: Intel SoC | Depth (with stand): 192 mm | Display diagonal: 60.5 cm

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(23.8") | Discrete graphics card model: Not available | Trusted Platform Module (TPM): Yes | Width (with stand): 540 mm | HD type: Full HD | On-board graphics card model: Intel® UHD Graphics | Audio chip: Realtek ALC233-CG | Bluetooth: Yes | AC adapter input voltage: 100 - 240 V | Height (with stand): 431 mm | Maximum internal memory: 32 GB | Cable lock slot: Yes | Product colour: Grey | Built-in microphone: Yes | Ethernet LAN data rates: 100 | Processor boost frequency: 4.9 GHz | Ethernet LAN data rates: 1000 Mbit/s

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