



**Lenovo Legion
Pro 7 16IAX10H
Intel Core Ultra
9 275HX Laptop
40.6 cm (16)
WQXGA 64 GB
DDR5-SDRAM 1
TB SSD NVIDIA
GeForce RTX
5090 Wi-Fi 7
(802.11be)
Windows 11
Home Black**

Model: 83F5005DPB

Manufacturer: LENOVO

EAN: 198157095489

Product Code: 1136497

R110,727

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Certification: RoHS | AI software frameworks supported by NPU: ONNX RT | GPU performance up to: 8 TOPs | WWAN: Not installed | USB Power Delivery (USB PD): Yes | Colour name: Eclipse Black | NPU performance up to: 13 TOPs | Hazard pictogram(s): GHS07: Harmful | Keyboard backlit colour: RGB | AI software frameworks supported by NPU: WebNN | High Dynamic Range (HDR) technology: Dolby Vision | AI software frameworks supported by NPU: DirectML | Sparsity support: Yes | High Dynamic Range (HDR) supported: Yes | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: Windows ML | High Dynamic Range (HDR) technology: DisplayHDR True Black 1000 | Card reader integrated: No | Warnings: Keep out of reach of children to avoid risk of electric shock. | HDMI ports quantity: 1 | Warnings: The device may become hot during operation use caution to avoid burns. | Hazard pictogram(s): GHS08: Health hazard | Maximum turbo power: 160 W | Warnings: Do not dispose of in normal household waste appropriate disposal must be carried out in accordance with environmental regulations. | Hazard pictogram(s): GHS09: Environmental hazard | On-board graphics card: Yes | Neural processor unit (NPU): Intel AI Boost | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Width: 364.4 mm | Discrete GPU manufacturer: NVIDIA | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Processor model: 275HX | Total processor performance up to: 36 TOPs | Operating relative humidity (H-H): 8 - 95% | Discrete graphics card memory: 24 GB | Memory form factor: SO-DIMM | Numeric keypad: Yes | Processor base power: 55 W | Processor cores: 24 | Processor cache: 36 MB | Trusted Platform Module (TPM) version: 2.0 | Memory clock speed: 6400 MHz | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Wi-Fi standards: Wi-Fi 7 (802.11be) | Storage media: SSD | Processor threads: 24 | On-board GPU manufacturer: Intel | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Total storage capacity: 1 TB | Storage temperature (T-T): 5 - 43 °C | Windows Studio effects support: Yes | Efficient-core base frequency: 2.1 GHz | Internal memory type: DDR5-SDRAM | Storage relative humidity (H-H): 5 - 95% | Performance-core Max Turbo Frequency: 5.4 GHz | Efficient-core Max Turbo Frequency: 4.6 GHz | Operating system installed: Windows 11 Home | Bluetooth version: 5.4 | Pointing device: Touchpad | HDMI version: 2.1 | Internal memory: 64 GB | Processor manufacturer: Intel | AC adapter included: Yes | Housing material: Aluminium | Operating system architecture: 64-bit | Number of microphones: 2 | Performance cores: 8 | Performance-core base frequency: 2.7 GHz | USB Sleep-and-Charge: Yes | USB Type-C charging port: Yes | Maximum refresh rate: 240 Hz | Processor generation: Intel Core Ultra (Series 2) | Keyboard backlit zone: Per-key RGB | Discrete graphics memory type: GDDR7 | RGB colour space: DCI-P3 | Mobile network connection: No | On-board graphics card family: Intel® Graphics | Display brightness: 500 cd/m² | Colour gamut: 100% | SSD capacity: 1 TB | Number of built-in speakers: 4 | Total SSDs capacity: 1 TB

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| Front camera resolution (numeric): 5 MP | Thunderbolt 4 ports quantity: 1 | NVMe: Yes | Product type: Laptop | AC adapter power: 400 W | Memory layout (slots x size): 2 x 32 GB | Number of SSDs installed: 1 | Keyboard backlit: Yes | AC adapter frequency: 50/60 Hz | SSD form factor: M.2 | Efficient cores: 16 | Package contents: 4 x interchangeable keycaps | Battery capacity: 99.9 Wh | SSD interface: PCI Express | Ethernet LAN: Yes | Fingerprint reader: No | USB Type-C DisplayPort Alternate Mode: Yes | Panel type: OLED | Depth: 275.9 mm | Touchscreen: No | Discrete graphics card: Yes | Ethernet LAN (RJ-45) ports: 1 | Discrete graphics card model: NVIDIA GeForce RTX 5090 | Display diagonal: 40.6 cm (16") | Product colour: Black | Native aspect ratio: 16:10 | HD type: WQXGA | Bluetooth: Yes | On-board graphics card model: Intel® Graphics | Maximum internal memory: 64 GB | AC adapter input voltage: 100 - 240 V | Built-in microphone: Yes | Optical drive type: No | Display resolution: 2560 x 1600 pixels | Motherboard chipset: Intel HM870 | Processor family: Intel Core Ultra 9 | LED backlight: Yes | Weight: 2.57 kg | Antenna type: 2x2 | Processor boost frequency: 5.4 GHz | Audio chip: Realtek ALC3306 | Trusted Platform Module (TPM): Yes | Display surface: Gloss

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