



**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: 1182859

R110,454

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Certification: RoHS | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: Windows ML | AI software frameworks supported by NPU: DirectML | High Dynamic Range (HDR) technology: DisplayHDR True Black 1000 | USB Type-C charging port: Yes | WWAN: Not installed | AI software frameworks supported by NPU: OpenVINO | Warnings: The device may become hot during operation use caution to avoid burns. | Windows Studio effects support: Yes | Total processor performance up to: 36 TOPs | Discrete GPU manufacturer: NVIDIA | Warnings: Do not dispose of in normal household waste appropriate disposal must be carried out in accordance with environmental regulations. | Warnings: Keep out of reach of children to avoid risk of electric shock. | GPU performance up to: 8 TOPs | Hazard pictogram(s): GHS07: Harmful | AI software frameworks supported by NPU: WebNN | USB Power Delivery (USB PD): Yes | NPU performance up to: 13 TOPs | Colour name: Eclipse Black | Hazard pictogram(s): GHS09: Environmental hazard | Keyboard backlit colour: RGB | Maximum turbo power: 160 W | High Dynamic Range (HDR) supported: Yes | Hazard pictogram(s): GHS08: Health hazard | Operating temperature (T-T): 5 - 35 °C | High Dynamic Range (HDR) technology: Dolby Vision | Performance-core base frequency: 2.7 GHz | On-board GPU manufacturer: Intel | Performance cores: 8 | Processor base power: 55 W | Neural processor unit (NPU): Intel AI Boost | Processor generation: Intel Core Ultra (Series 2) | Keyboard backlit zone: Per-key RGB | Sparsity support: Yes | Trusted Platform Module (TPM) version: 2.0 | Storage temperature (T-T): 5 - 43 °C | AC adapter included: Yes | RGB colour space: DCI-P3 | Performance-core Max Turbo Frequency: 5.4 GHz | Package contents: 4 x interchangeable keycaps | Efficient cores: 16 | Memory layout (slots x size): 2 x 32 GB | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Colour gamut: 100% | Efficient-core base frequency: 2.1 GHz | Card reader integrated: No | Panel type: OLED | Operating relative humidity (H-H): 8 - 95% | Ethernet LAN: Yes | Fingerprint reader: No | Thunderbolt 4 ports quantity: 1 | AC adapter power: 400 W | Total SSDs capacity: 1 TB | HDMI version: 2.1 | Internal memory type: DDR5-SDRAM | Storage media: SSD | Processor cache: 36 MB | Depth: 275.9 mm | Product type: Laptop | HDMI ports quantity: 1 | Numeric keypad: Yes | USB Type-C DisplayPort Alternate Mode: Yes | Operating system installed: Windows 11 Home | Efficient-core Max Turbo Frequency: 4.6 GHz | Memory form factor: SO-DIMM | Keyboard backlit: Yes | Bluetooth version: 5.4 | Width: 364.4 mm | Discrete graphics card: Yes | Front camera resolution (numeric): 5 MP | SSD interface: PCI Express | Memory clock speed: 6400 MHz | Processor model: 275HX | Discrete graphics card memory: 24 GB | Display brightness: 500 cd/m² | Processor cores: 24 | SSD form factor: M.2 | Processor threads: 24 | NVMe: Yes | Number of SSDs installed: 1 | Pointing device: Touchpad | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Internal memory: 64 GB | Total storage capacity: 1 TB | Wi-Fi standards: Wi-Fi 7 (802.11be) | Processor manufacturer: Intel | Housing material:

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Aluminium | Operating system architecture: 64-bit | Number of microphones: 2 | Discrete graphics memory type: GDDR7 | SSD capacity: 1 TB | On-board graphics card: Yes | Number of built-in speakers: 4 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Combo headphone/mic port: Yes | Storage relative humidity (H-H): 5 - 95% | On-board graphics card family: Intel® Graphics | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Battery capacity: 99.9 Wh | Touchscreen: No | Mobile network connection: No | USB Sleep-and-Charge: Yes | Maximum refresh rate: 240 Hz | AC adapter frequency: 50/60 Hz | Display resolution: 2560 x 1600 pixels | Product colour: Black | Bluetooth: Yes | HD type: WQXGA | Antenna type: 2x2 | Audio chip: Realtek ALC3306 | Native aspect ratio: 16:10 | Display diagonal: 40.6 cm (16") | LED backlight: Yes | Weight: 2.57 kg | Discrete graphics card model: NVIDIA GeForce RTX 5090 | Motherboard chipset: Intel HM870 | Processor family: Intel Core Ultra 9 | Ethernet LAN (RJ-45) ports: 1 | Display surface: Gloss | AC adapter input voltage: 100 - 240 V | On-board graphics card model: Intel® Graphics | Optical drive type: No | Processor boost frequency: 5.4 GHz | Built-in microphone: Yes | Trusted Platform Module (TPM): Yes | Maximum internal memory: 64 GB

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