

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) Black

Model: 83F5005BPB

Manufacturer: LENOVO

EAN: 198157095502

Product Code: 375641

R94,200

Certification: RoHS | USB Power Delivery (USB PD): Yes | Colour name: Eclipse Black | WWAN: Not installed | High Dynamic Range (HDR) technology: Dolby Vision | High Dynamic Range (HDR)

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supported: Yes | Keyboard backlit colour: RGB | Discrete GPU manufacturer: NVIDIA | High Dynamic Range (HDR) technology: DisplayHDR True Black 1000 | Colour gamut: 100% | Front camera resolution (numeric): 5 MP | Trusted Platform Module (TPM) version: 2.0 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Internal memory: 64 GB | Bluetooth version: 5.4 | Number of built-in speakers: 4 | USB Type-C DisplayPort Alternate Mode: Yes | Operating system installed: N | Pointing device: Touchpad | SSD capacity: 1 TB | Processor cache: 36 MB | Numeric keypad: Yes | Memory form factor: SO-DIMM | Mobile network connection: No | Memory clock speed: 6400 MHz | Storage media: SSD | Maximum refresh rate: 240 Hz | USB Sleep-and-Charge: Yes | Discrete graphics card memory: 24 GB | Touchscreen: No | HDMI version: 2.1 | Internal memory type: DDR5-SDRAM | Total storage capacity: 1 TB | SSD form factor: M.2 | Processor model: 275HX | Combo headphone/mic port: Yes | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | AC adapter frequency: 50/60 Hz | NVMe: Yes | Product type: Laptop | On-board graphics card family: Intel® Graphics | Battery capacity: 99.9 Wh | Processor threads: 24 | Depth: 275.9 mm | SSD interface: PCI Express | Wi-Fi standards: Wi-Fi 7 (802.11be) | Panel type: OLED | On-board graphics card: Yes | Storage relative humidity (H-H): 5 - 95% | RGB colour space: DCI-P3 | Discrete graphics memory type: GDDR7 | Processor manufacturer: Intel | Number of SSDs installed: 1 | Memory layout (slots x size): 2 x 32 GB | Total SSDs capacity: 1 TB | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Housing material: Aluminium | Display brightness: 500 cd/m² | HDMI ports quantity: 1 | Ethernet LAN: Yes | Fingerprint reader: No | Number of microphones: 2 | Performance cores: 8 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Width: 364.4 mm | Thunderbolt 4 ports quantity: 1 | AC adapter power: 400 W | Card reader integrated: No | Package contents: 4 x interchangeable keycaps | Discrete graphics card: Yes | Keyboard backlit: Yes | On-board GPU manufacturer: Intel | Processor base power: 55 W | Display resolution: 2560 x 1600 pixels | Operating relative humidity (H-H): 8 - 95% | Performance-core base frequency: 2.7 GHz | Product colour: Black | Efficient cores: 16 | Trusted Platform Module (TPM): Yes | Maximum turbo power: 160 W | Motherboard chipset: Intel HM870 | Processor family: Intel Core Ultra 9 | Display surface: Gloss | Audio chip: Realtek ALC3306 | Antenna type: 2x2 | Processor generation: Intel Core Ultra (Series 2) | Keyboard backlit zone: Per-key RGB | Weight: 2.57 kg | Discrete graphics card model: NVIDIA GeForce RTX 5090 | Efficient-core Max Turbo Frequency: 4.6 GHz | Efficient-core base frequency: 2.1 GHz | Performance-core Max Turbo Frequency: 5.4 GHz | Processor boost frequency: 5.4 GHz | LED backlight: Yes | Optical drive type: No | Ethernet LAN (RJ-45) ports: 1 | Display diagonal: 40.6 cm (16") | Neural processor unit (NPU): Intel AI Boost | Built-in microphone: Yes | Maximum internal memory: 64 GB | AC adapter input voltage: 100 - 240 V | HD type: WQXGA | Bluetooth: Yes | Native aspect ratio: 16:10 | Operating temperature (T-T): 5 - 35 °C | On-board graphics card model: Intel® Graphics | Storage temperature (T-T): 5 - 43 °C | AC adapter included:

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Yes | Processor cores: 24 | 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. | Warnings: The device may become hot during operation use caution to avoid burns. | GPU performance up to: 8 TOPs | USB Type-C charging port: Yes | NPU performance up to: 13 TOPs | AI software frameworks supported by NPU: DirectML | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: Windows ML | Windows Studio effects support: Yes | Sparsity support: Yes | Hazard pictogram(s): GHS09: Environmental hazard | Hazard pictogram(s): GHS08: Health hazard | Hazard pictogram(s): GHS07: Harmful | Total processor performance up to: 36 TOPs

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