Lenovo Legion Pro 7 16IAX10H Intel Core Ultra 9 275HX Laptop 40.6 cm (16) WQXGA 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Black

Model: 83F5004FPB

Manufacturer: LENOVO

EAN: 198156920744

Product Code: 1746415

R120,502

Certification: RoHS | Processor cache: 36 MB | Processor threads: 24 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Memory clock speed:

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6400 MHz | Internal memory type: DDR5-SDRAM | HDMI version: 2.1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Storage media: SSD | HDMI ports quantity: 1 | RGB colour space: DCI-P3 | Memory form factor: SO-DIMM | Internal memory: 64 GB | On-board graphics card: Yes | Processor model: 275HX | Total storage capacity: 2 TB | Wi-Fi standards: Wi-Fi 7 (802.11be) | Colour name: Eclipse Black | Discrete graphics card: Yes | SSD capacity: 2 TB | High Dynamic Range (HDR) technology: DisplayHDR True Black 1000 | Display brightness: 500 cd/m² | Pointing device: Touchpad | WWAN: Not installed | Depth: 275.9 mm | Card reader integrated: No | Number of SSDs installed: 2 | Panel type: OLED | Ethernet LAN: Yes | Fingerprint reader: No | SSD form factor: M.2 | Bluetooth version: 5.4 | USB Type-C DisplayPort Alternate Mode: Yes | AC adapter frequency: 50/60 Hz | Product type: Laptop | Numeric keypad: Yes | Discrete GPU manufacturer: NVIDIA | High Dynamic Range (HDR) technology: Dolby Vision | USB Power Delivery (USB PD): Yes | Discrete graphics memory type: GDDR7 | Touchscreen: No | Operating system installed: N | Trusted Platform Module (TPM) version: 2.0 | Battery capacity: 99.9 Wh | Mobile network connection: No | Number of built-in speakers: 4 | Processor manufacturer: Intel | SSD interface: PCI Express | High Dynamic Range (HDR) supported: Yes | USB Sleep-and-Charge: Yes | Width: 364.4 mm | Total SSDs capacity: 2 TB | Front camera resolution (numeric): 5 MP | Colour gamut: 100% | Memory layout (slots x size): 2 x 32 GB | Maximum refresh rate: 240 Hz | On-board graphics card family: Intel® Graphics | NVMe: Yes | Housing material: Aluminium | Keyboard backlit colour: RGB | Keyboard backlit: Yes | Number of microphones: 2 | AC adapter power: 400 W | Antenna type: 2x2 | Maximum internal memory: 64 GB | Trusted Platform Module (TPM): Yes | Bluetooth: Yes | Product colour: Black | Display diagonal: 40.6 cm (16") | Ethernet LAN (RJ-45) ports: 1 | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Audio chip: Realtek ALC3306 | Storage temperature (T-T): 5 - 43 °C | AC adapter included: Yes | Native aspect ratio: 16:10 | Discrete graphics card memory: 24 GB | Processor cores: 24 | Display surface: Gloss | On-board graphics card model: Intel® Graphics | Processor boost frequency: 5.4 GHz | AC adapter input voltage: 100 - 240 V | HD type: WQXGA | Built-in microphone: Yes | Weight: 2.57 kg | LED backlight: Yes | Storage relative humidity (H-H): 5 - 95% | Discrete graphics card model: NVIDIA GeForce RTX 5090 | Motherboard chipset: Intel HM870 | Processor family: Intel Core Ultra 9 | Display resolution: 2560 x 1600 pixels | Operating relative humidity (H-H): 8 - 95% | Optical drive type: No | Hazard pictogram(s): GHS08: Health hazard | Windows Studio effects support: Yes | USB Type-C charging port: Yes | Sparsity support: Yes | Total processor performance up to: 36 TOPs | Warnings: Keep out of reach of children to avoid risk of electric shock. | Warnings: Do not dispose of in normal household waste appropriate disposal must be carried out in accordance with environmental regulations. | GPU performance up to: 8 TOPs | Hazard pictogram(s): GHS09: Environmental hazard | AI software

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frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: DirectML | AI software frameworks supported by NPU: Windows ML | Warnings: The device may become hot during operation use caution to avoid burns. | Hazard pictogram(s): GHS07: Harmful | Performance-core base frequency: 2.7 GHz | Efficient cores: 16 | Performance cores: 8 | Neural processor unit (NPU): Intel AI Boost | Processor base power: 55 W | NPU performance up to: 13 TOPs | Performance-core Max Turbo Frequency: 5.4 GHz | Processor generation: Intel Core Ultra (Series 2) | Keyboard backlit zone: Per-key RGB | On-board GPU manufacturer: Intel | Thunderbolt 4 ports quantity: 1 | Efficient-core base frequency: 2.1 GHz | Efficient-core Max Turbo Frequency: 4.6 GHz | Maximum turbo power: 160 W | Package contents: 4 x interchangeable keycaps

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