



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 5080 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Model: 83F5004WPB

Manufacturer: LENOVO

EAN: 198157030114

Product Code: 1182858

R94,412

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Certification: ErP Lot 3 TÜV Rheinland® High Gaming Performance TÜV Rheinland® Low Blue Light (Hardware Solution) | Processor model: Intel® Core™ Ultra 9 275HX | Front camera: Yes | Optical drive type: No | Weight: 2.57 kg | Memory form factor: SO-DIMM | Battery technology: Lithium Polymer (LiPo) | Internal memory type: DDR5-SDRAM | Memory slots: 2x SO-DIMM | Numeric keypad: Yes | Depth: 275.9 mm | Storage temperature (T-T): 5 - 43 °C | AC adapter included: Yes | On-board graphics card family: Intel® Graphics | Pointing device: Touchpad | Total storage capacity: 2 TB | On-board graphics card model: Intel® Graphics | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Processor cores: 24 | Bluetooth version: 5.4 | Processor family: Intel Core Ultra 9 | SSD form factor: M.2 | Processor threads: 24 | Memory clock speed: 6400 MHz | Discrete graphics card: Yes | Operating system installed: Windows 11 Pro | Keyboard backlit: Yes | Processor manufacturer: Intel | Storage relative humidity (H-H): 5 - 95% | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | HDMI version: 2.1 | NVMe: Yes | Discrete graphics card memory: 16 GB | Ethernet LAN (RJ-45) ports: 1 | Operating relative humidity (H-H): 8 - 95% | NPU performance up to: 13 TOPs | Ethernet LAN: Yes | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Memory channels: Dual-channel | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Battery capacity: 99.9 Wh | Processor cache: 36 MB | Display brightness: 500 cd/m² | NVIDIA G-SYNC: Yes | Internal memory: 64 GB | Sparsity support: Yes | HDMI ports quantity: 1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | On-board graphics card: Yes | AC adapter frequency: 50/60 Hz | Card reader integrated: No | Compliance certificates: RoHS | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: Windows ML | Width: 364.4 mm | Windows Studio effects support: Yes | AI software frameworks supported by NPU: DirectML | AC adapter power: 400 W | Neural processor unit (NPU): Intel AI Boost | Number of microphones: 2 | Wi-Fi standards: Wi-Fi 7 (802.11be) | Housing material: Aluminium | Storage media: SSD | AI software frameworks supported by NPU: ONNX RT | Memory layout (slots x size): 2 x 32 GB | Operating system architecture: 64-bit | Panel type: OLED | Fingerprint reader: No | AI software frameworks supported by NPU: OpenVINO | Product type: Laptop | Touchscreen: No | Contrast ratio (typical): 1000000:1 | Maximum shipping altitude: 3048 m | RGB colour space: DCI-P3 | Efficient-core Max Turbo Frequency: 4.6 GHz | Performance-core Max Turbo Frequency: 5.4 GHz | Performance cores: 8 | Efficient cores: 16 | On-board GPU manufacturer: Intel | Package contents: 4 x interchangeable keycaps | M.2 SSD size: 2280 (22 x 80 mm) | Processor base power: 55 W | Processor generation: Intel Core Ultra (Series 2) | Keyboard backlit zone: Per-key RGB | Number of SSDs installed: 2 | SSD interface: PCI Express 4.0 | Colour name: Eclipse Black | Discrete graphics memory type: GDDR7 | Mobile network connection: No | Front camera resolution (numeric): 5 MP | Continuous video playback time (max): 6.25 h | Colour gamut: 100% | Height (front): 2.19 cm

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| Height (rear): 2.66 cm | Keyboard backlit colour: RGB | High Dynamic Range (HDR) supported: Yes | Maximum refresh rate: 240 Hz | Discrete GPU manufacturer: NVIDIA | USB Sleep-and-Charge ports: 1 | High Dynamic Range (HDR) technology: Dolby Vision | Trusted Platform Module (TPM) version: 2.0 | WWAN: Not installed | Number of built-in speakers: 4 | Total SSDs capacity: 2 TB | Password protection: Yes | Fast charging: Yes | USB Power Delivery (USB PD): Yes | USB Sleep-and-Charge: Yes | Trusted Platform Module (TPM): Yes | AC adapter input voltage: 100 - 240 V | Hazard pictogram(s): GHS07: Harmful | Native aspect ratio: 16:10 | LED backlight: Yes | Hazard pictogram(s): GHS09: Environmental hazard | Audio system: Nahimic Audio | Display diagonal: 40.6 cm (16") | Total processor performance up to: 36 TOPs | GPU performance up to: 8 TOPs | Product colour: Black | Display surface: Gloss | Display resolution: 2560 x 1600 pixels | USB Type-C charging port: Yes | Antenna type: 2x2 | Hazard pictogram(s): GHS08: Health hazard | Ethernet LAN data rates: 2500 Mbit/s | Processor boost frequency: 5.4 GHz | Bluetooth: Yes | Discrete graphics card model: NVIDIA GeForce RTX 5080 | HD type: WQXGA | Copilot key: Yes | Warnings: Keep out of reach of children to avoid risk of electric shock. | Built-in microphone: Yes | Warnings: The device may become hot during operation use caution to avoid burns. | Audio chip: Realtek ALC3306 | Warnings: Do not dispose of in normal household waste appropriate disposal must be carried out in accordance with environmental regulations.

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