

**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
5080 Wi-Fi 7
(802.11be)
NoOS Black**



Model: 83F5004XPB

Manufacturer: LENOVO

EAN: 198157030107

Product Code: 1136494

R86,181

Certification: ErP Lot 3 TÜV Rheinland® High Gaming Performance TÜV Rheinland® Low Blue Light

(Hardware Solution) | Processor model: Intel® Core™ Ultra 9 275HX | SSD form factor: M.2 | On-

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typographical errors. We recommend checking the current information before purchasing.

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board graphics card: Yes | Discrete GPU manufacturer: NVIDIA | Compliance certificates: RoHS | Discrete graphics memory type: GDDR7 | Number of microphones: 2 | Performance cores: 8 | Colour name: Eclipse Black | Maximum shipping altitude: 3048 m | WWAN: Not installed | GPU performance up to: 8 TOPs | Pointing device: Touchpad | NPU performance up to: 13 TOPs | M.2 SSD size: 2280 (22 x 80 mm) | Product type: Laptop | Touchscreen: No | Memory channels: Dual-channel | USB Power Delivery (USB PD): Yes | Efficient-core Max Turbo Frequency: 4.6 GHz | Processor manufacturer: Intel | Bluetooth version: 5.4 | Housing material: Aluminium | Keyboard backlit colour: RGB | AI software frameworks supported by NPU: OpenVINO | HDMI version: 2.1 | Windows Studio effects support: Yes | USB Sleep-and-Charge: Yes | Mobile network connection: No | Ethernet LAN: Yes | Fingerprint reader: No | Performance-core Max Turbo Frequency: 5.4 GHz | Discrete graphics card: Yes | Processor generation: Intel Core Ultra (Series 2) | Keyboard backlit zone: Per-key RGB | AC adapter frequency: 50/60 Hz | Maximum refresh rate: 240 Hz | Operating system installed: N | Storage media: SSD | Wi-Fi standards: Wi-Fi 7 (802.11be) | Numeric keypad: Yes | Processor base power: 55 W | SSD interface: PCI Express 4.0 | Sparsity support: Yes | Contrast ratio (typical): 1000000:1 | AI software frameworks supported by NPU: Windows ML | Number of built-in speakers: 4 | AI software frameworks supported by NPU: DirectML | USB Sleep-and-Charge ports: 1 | AI software frameworks supported by NPU: WebNN | Total SSDs capacity: 1 TB | Continuous video playback time (max): 6.25 h | Front camera resolution (numeric): 5 MP | Battery technology: Lithium Polymer (LiPo) | Display brightness: 500 cd/m² | HDMI ports quantity: 1 | High Dynamic Range (HDR) technology: Dolby Vision | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Battery capacity: 99.9 Wh | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Width: 364.4 mm | Trusted Platform Module (TPM) version: 2.0 | Depth: 275.9 mm | Height (front): 2.19 cm | Panel type: OLED | Efficient cores: 16 | Height (rear): 2.66 cm | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Memory slots: 2x SO-DIMM | On-board GPU manufacturer: Intel | AI software frameworks supported by NPU: ONNX RT | Warnings: The device may become hot during operation use caution to avoid burns. | Card reader integrated: No | Warnings: Do not dispose of in normal household waste appropriate disposal must be carried out in accordance with environmental regulations. | Keyboard backlit: Yes | Number of SSDs installed: 1 | Password protection: Yes | NVMe: Yes | USB Type-C charging port: Yes | RGB colour space: DCI-P3 | High Dynamic Range (HDR) supported: Yes | On-board graphics card family: Intel® Graphics | Neural processor unit (NPU): Intel AI Boost | Total processor performance up to: 36 TOPs | Colour gamut: 100% | AC adapter power: 400 W | Hazard pictogram(s): GHS09: Environmental hazard | Package contents: 4 x interchangeable keycaps | Hazard pictogram(s): GHS08: Health hazard | Warnings: Keep out of reach of children to avoid risk of electric shock. | Memory layout

(slots x size): 2 x 32 GB | Copilot key: Yes | Hazard pictogram(s): GHS07: Harmful | Fast charging:

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Yes | Audio system: Nahimic Audio | Memory clock speed: 6400 MHz | Discrete graphics card memory: 16 GB | Processor cores: 24 | On-board graphics card model: Intel® Graphics | Processor threads: 24 | Weight: 2.57 kg | Product colour: Black | LED backlight: Yes | Ethernet LAN data rates: 2500 Mbit/s | Processor boost frequency: 5.4 GHz | AC adapter included: Yes | HD type: WQXGA | Processor cache: 36 MB | Memory form factor: SO-DIMM | Display diagonal: 40.6 cm (16") | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Antenna type: 2x2 | Discrete graphics card model: NVIDIA GeForce RTX 5080 | Bluetooth: Yes | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Front camera: Yes | Optical drive type: No | Display surface: Gloss | Internal memory type: DDR5-SDRAM | Trusted Platform Module (TPM): Yes | AC adapter input voltage: 100 - 240 V | NVIDIA G-SYNC: Yes | Ethernet LAN (RJ-45) ports: 1 | Storage relative humidity (H-H): 5 - 95% | Native aspect ratio: 16:10 | Internal memory: 64 GB | Total storage capacity: 1 TB | Processor family: Intel Core Ultra 9 | Display resolution: 2560 x 1600 pixels | Operating relative humidity (H-H): 8 - 95% | Storage temperature (T-T): 5 - 43 °C | Built-in microphone: Yes | Audio chip: Realtek ALC3306

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