



**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)
NoOS Black**

Model: 83F5004HPB

Manufacturer: LENOVO

EAN: 198156920751

Product Code: 1182857

R85,871

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

(Hardware Solution) | Processor model: Intel® Core™ Ultra 9 275HX | Number of built-in speakers: 4

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

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| SSD form factor: M.2 | WWAN: Not installed | Fast charging: Yes | AC adapter frequency: 50/60 Hz | Ethernet LAN: Yes | Fingerprint reader: No | Maximum shipping altitude: 3048 m | Housing material: Aluminium | Keyboard backlit colour: RGB | Height (front): 2.19 cm | Depth: 275.9 mm | Continuous video playback time (max): 6.25 h | Numeric keypad: Yes | Processor base power: 55 W | Total SSDs capacity: 2 TB | NVMe: Yes | Efficient cores: 16 | Package contents: 4 x interchangeable keycaps | Colour gamut: 100% | Width: 364.4 mm | Display brightness: 500 cd/m² | Number of SSDs installed: 2 | Trusted Platform Module (TPM) version: 2.0 | SSD interface: PCI Express 4.0 | Panel type: OLED | Discrete GPU manufacturer: NVIDIA | Colour name: Eclipse Black | Mobile network connection: No | Front camera resolution (numeric): 5 MP | Operating system installed: N | Discrete graphics memory type: GDDR7 | Bluetooth version: 5.4 | Product type: Laptop | RGB colour space: DCI-P3 | On-board GPU manufacturer: Intel | Memory layout (slots x size): 2 x 32 GB | Discrete graphics card: Yes | Keyboard backlit: Yes | AC adapter power: 400 W | Contrast ratio (typical): 1000000:1 | Storage relative humidity (H-H): 5 - 95% | Height (rear): 2.66 cm | Windows Studio effects support: Yes | HDMI version: 2.1 | AI software frameworks supported by NPU: WebNN | Pointing device: Touchpad | Card reader integrated: No | Performance-core Max Turbo Frequency: 5.4 GHz | USB Sleep-and-Charge: Yes | Compliance certificates: RoHS | Warnings: Do not dispose of in normal household waste appropriate disposal must be carried out in accordance with environmental regulations. | On-board graphics card model: Intel® Graphics | Processor manufacturer: Intel | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Processor cores: 24 | Battery technology: Lithium Polymer (LiPo) | GPU performance up to: 8 TOPs | NPU performance up to: 13 TOPs | Operating relative humidity (H-H): 8 - 95% | Hazard pictogram(s): GHS07: Harmful | USB Power Delivery (USB PD): Yes | Efficient-core Max Turbo Frequency: 4.6 GHz | Processor generation: Intel Core Ultra (Series 2) | Storage temperature (T-T): 5 - 43 °C | Keyboard backlit zone: Per-key RGB | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | Warnings: Keep out of reach of children to avoid risk of electric shock. | AI software frameworks supported by NPU: ONNX RT | High Dynamic Range (HDR) supported: Yes | On-board graphics card family: Intel® Graphics | Processor family: Intel Core Ultra 9 | Memory channels: Dual-channel | On-board graphics card: Yes | Memory clock speed: 6400 MHz | Internal memory type: DDR5-SDRAM | Neural processor unit (NPU): Intel AI Boost | Copilot key: Yes | Memory form factor: SO-DIMM | AI software frameworks supported by NPU: DirectML | Total storage capacity: 2 TB | Number of microphones: 2 | Performance cores: 8 | Touchscreen: No | Discrete graphics card memory: 16 GB | AI software frameworks supported by NPU: Windows ML | Processor threads: 24 | Operating temperature (T-T): 5 - 35 °C | Combo headphone/mic port: Yes | Weight: 2.57 kg | Memory slots: 2x SO-DIMM | Storage media: SSD | AC adapter included: Yes | Wi-Fi standards: Wi-Fi 7

(802.11be) | Ethernet LAN (RJ-45) ports: 1 | Battery capacity: 99.9 Wh | Processor cache: 36 MB | Top

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Wi-Fi standard: Wi-Fi 7 (802.11be) | AI software frameworks supported by NPU: OpenVINO | USB
Sleep-and-Charge ports: 1 | High Dynamic Range (HDR) technology: Dolby Vision | Front camera: Yes
| Optical drive type: No | HDMI ports quantity: 1 | Maximum refresh rate: 240 Hz | Password
protection: Yes | Hazard pictogram(s): GHS09: Environmental hazard | USB Type-C charging port: Yes
| Built-in microphone: Yes | Total processor performance up to: 36 TOPs | Internal memory: 64 GB |
NVIDIA G-SYNC: Yes | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Sparsity support: Yes |
Hazard pictogram(s): GHS08: Health hazard | M.2 SSD size: 2280 (22 x 80 mm) | Audio system:
Nahimic Audio | Ethernet LAN data rates: 2500 Mbit/s | Processor boost frequency: 5.4 GHz | Display
surface: Gloss | LED backlight: Yes | Display diagonal: 40.6 cm (16") | Native aspect ratio: 16:10 |
Product colour: Black | Discrete graphics card model: NVIDIA GeForce RTX 5080 | Display resolution:
2560 x 1600 pixels | AC adapter input voltage: 100 - 240 V | Trusted Platform Module (TPM): Yes | HD
type: WQXGA | Antenna type: 2x2 | Bluetooth: Yes | Audio chip: Realtek ALC3306 | Warnings: The
device may become hot during operation use caution to avoid burns.

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