

**Lenovo Legion
Pro 5 16IAX10
Intel Core Ultra
7 255HX Laptop
40,6 cm (16)
WQXGA 32 GB
DDR5-SDRAM 1
TB SSD NVIDIA
GeForce RTX
5070 Wi-Fi 7
(802.11be)
Windows 11
Home Black**



Model: 83F3003BPB

Manufacturer: LENOVO

EAN: 198158683005

Product Code: 299364

R43,441

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AC adapter input voltage: 100 - 240 V | Audio chip: Realtek ALC3306 | Product colour: Black | Storage temperature (T-T): 5 - 43 °C | Ethernet LAN data rates: 100 | Storage relative humidity (H-H): 5 - 95% | Ethernet LAN data rates: 1000 Mbit/s | Processor boost frequency: 5.2 GHz | Ethernet LAN (RJ-45) ports: 1 | Operating temperature (T-T): 5 - 35 °C | LED backlight: Yes | Optical drive type: No | HD type: WQXGA | Antenna type: 2x2 | Weight: 2.43 kg | AC adapter included: Yes | Native aspect ratio: 16:10 | Processor cores: 20 | Display resolution: 2560 x 1600 pixels | Operating relative humidity (H-H): 8 - 95% | Motherboard chipset: Intel HM870 | Bluetooth: Yes | Built-in microphone: Yes | Processor family: Intel Core Ultra 7 | On-board graphics card model: Intel® Graphics | Discrete graphics card memory: 8 GB | Display diagonal: 40.6 cm (16") | Discrete graphics card model: NVIDIA GeForce RTX 5070 | Maximum internal memory: 32 GB | Trusted Platform Module (TPM): Yes | Display surface: Gloss | Memory form factor: SO-DIMM | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 2 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 1 | Combo headphone/mic port: Yes | Processor cache: 30 MB | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | Processor threads: 20 | HDMI version: 2.1 | Memory clock speed: 5600 MHz | Internal memory: 32 GB | HDMI ports quantity: 1 | Processor model: 255HX | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Total storage capacity: 1 TB | Internal memory type: DDR5-SDRAM | Storage media: SSD | GPU performance up to: 8 TOPs | USB Type-C charging port: Yes | 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. | Warnings: The device may become hot during operation use caution to avoid burns. | Processor manufacturer: Intel | SSD form factor: M.2 | High Dynamic Range (HDR) supported: Yes | Number of built-in speakers: 2 | USB Power Delivery (USB PD): Yes | Number of SSDs installed: 1 | Battery capacity: 80 Wh | Touchscreen: No | Height (front): 2.17 cm | Numeric keypad: Yes | Display brightness: 500 cd/m² | Speaker power: 2 W | Ethernet LAN: Yes | Fingerprint reader: No | Bluetooth version: 5.4 | AC adapter power: 245 W | Maximum refresh rate: 165 Hz | USB Sleep-and-Charge: Yes | Product type: Laptop | Discrete GPU manufacturer: NVIDIA | SSD interface: PCI Express 4.0 | Operating system architecture: 64-bit | Number of microphones: 2 | SSD capacity: 1 TB | Mobile network connection: No | Card reader integrated: No | Discrete graphics memory type: GDDR7 | Discrete graphics card: Yes | Keyboard backlit: Yes | Panel type: OLED | High Dynamic Range (HDR) technology: DisplayHDR True Black 1000 | Colour gamut: 100% | Colour name: Eclipse black | Wi-Fi standards: Wi-Fi 7 (802.11be) | Height (rear): 2.6 cm | Memory layout (slots x size): 2 x 16 GB | NVMe: Yes | Operating system installed: Windows 11 Home | Total SSDs capacity: 1 TB | Pointing device: Touchpad | WWAN: Not installed | AC adapter frequency: 50/60 Hz | Width: 364.4 mm |

Trusted Platform Module (TPM) version: 2.0 | Front camera resolution (numeric): 5 MP | On-board

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graphics card: Yes | Depth: 268.1 mm | On-board graphics card family: Intel® Graphics | High Dynamic Range (HDR) technology: Dolby Vision | Memory slots: 2x SO-DIMM | Housing material: Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC) | Keyboard backlit colour: RGB | NPU performance up to: 13 TOPs | Performance-core Max Turbo Frequency: 5.2 GHz | AI software frameworks supported by NPU: DirectML | AI software frameworks supported by NPU: WebNN | AI software frameworks supported by NPU: OpenVINO | AI software frameworks supported by NPU: Windows ML | Windows Studio effects support: Yes | Hazard pictogram(s): GHS07: Harmful | Efficient-core Max Turbo Frequency: 4.5 GHz | Total processor performance up to: 33 TOPs | AI software frameworks supported by NPU: ONNX RT | Hazard pictogram(s): GHS08: Health hazard | Hazard pictogram(s): GHS09: Environmental hazard | Neural processor unit (NPU): Intel AI Boost | Sparsity support: Yes | Maximum turbo power: 160 W | RGB colour space: DCI-P3 | Thunderbolt 4 ports quantity: 1 | Performance cores: 8 | Efficient-core base frequency: 1.8 GHz | Processor generation: Intel Core Ultra (Series 2) | Processor base power: 55 W | Performance-core base frequency: 2.4 GHz | On-board GPU manufacturer: Intel | Efficient cores: 12

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