

SPECIFICATIONS



Lenovo Legion Pro 7 Gaming 16IRX9H 14th Gen Intel Core i9 14900HX 32GB RAM, 1TB SSD AI Optimized Eclipse Black Gaming Laptop

Regular Price 390,600

Special Price 360,000

ID: 33.02.200.1307

General

Brand	Lenovo
Laptop Series	Legion
Model	Lenovo Legion Pro 7 Gaming 16IRX9H
Part No	83DE004RLK

Processor

Processor Brand	Intel
Processor Type.	Core i9
Generation	14th (Intel)
Processor Model	Core i9 14900HX
Processor Base Frequency	Unmentioned
Performance-Core Base Frequency	2.20GHz
Efficient-Core Base Frequency	1.60GHz
Processor Max Turbo Frequency	5.80GHz
Performance-Core Max Turbo Frequency	5.80GHz
Efficient-Core Max Turbo Frequency	4.10GHz
Processor Core	24
Performance-Cores	8
Efficient-Cores	16
Processor Thread	32
CPU Cache	36MB
NPU	Yes
NPU TOPS	542

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Chipset.	Intel HM770
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Memory

RAM	32GB
Installed RAM Details	2 x 16GB Removable
RAM Type	DDR5
RAM Bus	5600 MHz
Total RAM Slot	2
Empty/Expansion RAM Slot	No
Max. RAM Support	32GB

Storage

Storage	1TB SSD
Installed HDD Type	No HDD
HDD RPM	No HDD
HDD Expansion Slot	No
Installed SSD Type	NVMe PCIe
Installed SSD Generation	Gen 4
M.2/SSD Expansion Slot	1
Storage Upgrade	Additional SSD Can be added

Graphics

Graphics Chipset	Nvidia RTX 4080 Graphics
Graphics Memory Accessibility	Dedicated
Graphics Memory	12GB
Graphics Memory Type	GDDR6

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Display

Display Size (Inch)	16
Display Type	2.5K QHD WQXGA Display
Panel Type	IPS
Display Resolution	2560x1600
Display Surface	Anti-Glare
Touch Screen	No
Display Refresh Rate	240 Hz
Display Bezel	Slim Bezel
Brightness	500nits
Display Features	100% DCI-P3, 240Hz, DisplayHDR 400, Dolby Vision, G-SYNC, Low Blue Light, High Gaming Performance
Secondary Screen Size	No Secondary Screen
Secondary Screen Technology	No Secondary Screen
Secondary Screen Resolution	No Secondary Screen

Ports & Slots

Optical Drive	No
Multimedia Card Slot	No
USB 2 Port	No
USB 3 Port	1 x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On, 3 x USB-A (USB 5Gbps / USB 3.2 Gen 1)
USB C / Thunderbolt Port	1 x USB-C (USB 10Gbps / USB 3.2 Gen 2), with Lenovo PD 140W and DisplayPort 1.4, 1 x USB-C (Thunderbolt 4 / USB4 40Gbps), with DisplayPort 1.4
HDMI Port	1
Micro HDMI Port	No
Mini HDMI Port	No

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Display Port	No
Mini DP Port	No
VGA/D-Sub	No
Headphone Port	Combo
Microphone Port	Combo

Network & Connectivity

LAN	Yes
WiFi	Wi-Fi 6E AX1675i, 802.11ax 2x2
Bluetooth	Bluetooth 5.3

Audio & Camera

Audio Properties	High Definition (HD) Audio, Realtek ALC3306 codec, Stereo speakers (super linear speaker), 2W x2, audio by HARMAN, optimized with Nahimic Audio, Smart Amplifier (AMP), Microphone: 2x, Array
Speaker	Yes
Microphone.	Yes
WebCam	FHD WebCam

Keyboard

Keyboard Layout	Per-key RGB Backlit (with Lighting Lens), English (EU)
Keyboard Back-lit	Yes
RGB Keyboard	Yes
Num Key pad	Yes (Numeric)
Pointing Device	Touchpad
Dedicated Navigation key	No

Security

Finger Print Sensor	No
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TPM	Yes
Security Chip	Firmware TPM 2.0 Enabled

Software

Operating System	Win-11 Home
Licensed Application	No

Physical Description

Body Material	Aluminum
Device Lighting	No
Color	Eclipse Black
Dimensions	363.5 x 262.1 x 21.95-25.9mm
Weight (Kg)	2.62 kg

Power

Battery Capacity	99.9Wh
Power Adapter	330W
Adapter Type	Slim Tip Tiny GaN (3-pin)

Warranty

Warranty Details	2 Year (1 year for Battery and Adapter)
Warranty Claim Duration (Approximate)	Estimated Warranty Claim Duration 20 Days. It may take additional time up to 40 days
Certifications	Green: ErP Lot 3, RoHS compliant, Other: TUV Rheinland High Gaming Performance, TUV Rheinland Low Blue Light (Hardware Solution)
Best For	Gaming, Browsing, working on documents, making light photo and video edits, Office Work etc.
Specialty	AI Optimized
Others	AI PC Category: AI-Powered Gaming PC, Special Features: AI Chip: LA2-Q, Hybrid thermal solution (air cooling + liquid metal), Color Calibration Factory Color Calibration, Touchpad: Buttonless Mylar surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches), Ethernet: 100/1000M (RJ-45)
Country Of Origin	China

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