

SPECIFICATIONS



Lenovo LOQ Gaming 15IRX9 13th Gen Intel Core i5 13450HX 512GB SSD 15.6 Inch FHD Display AI Optimized Luna Grey Gaming Laptop

Regular Price 144,310

Special Price 134,000

ID: 33.02.200.1425

General

Brand	Lenovo
Laptop Series	LOQ
Model	Lenovo LOQ Gaming 15IRX9
User Segment	Gaming, Consumer
Part No	83DV00V4LK

Processor

Processor Brand	Intel
Processor Type.	Core i5
Generation	13th (Intel)
Processor Model	Core i5 13450HX
Processor Base Frequency	Not Applicable
Performance-Core Base Frequency	2.40GHz
Efficient-Core Base Frequency	1.80GHz
Processor Max Turbo Frequency	4.60GHz
Performance-Core Max Turbo Frequency	4.60GHz
Efficient-Core Max Turbo Frequency	3.40GHz
Processor Core	10
Performance-Cores	6
Efficient-Cores	4
Processor Thread	16
CPU Cache	20MB
NPU	Yes

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Neural Processing Unit (NPU)	Lenovo AI Engine (LA1)
NPU TOPS	194
Chipset.	Intel HM770 Chipset

Memory

RAM	24GB
Installed RAM Details	2 x 12GB Removable
RAM Type	DDR5
RAM Bus	4800 MHz
Total RAM Slot	2
Empty/Expansion RAM Slot	No
Max. RAM Support	32GB

Storage

Storage	512GB 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 Slot, Upgradeable Installed SSD

Graphics

Graphics Chipset	Nvidia RTX 4050 Graphics
Graphics Memory Accessibility	Dedicated

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Graphics Memory	6GB
Graphics Memory Type	GDDR6

Display

Display Size (Inch)	15.6
Display Type	FHD LED Display
Panel Type	IPS
Display Resolution	1920x1080
Coating Technology	Anti-Glare
Touch Screen	No
Display Refresh Rate	144 Hz
Display Bezel	Slim Bezel
Brightness	300nits
Display Features	100% sRGB, 144Hz, G-SYNC, Screen-to-Body Ratio 88% AAR (active area ratio)
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	3 x USB 3.2 Gen 1 Type-A
USB C / Thunderbolt Port	1 x USB 3.2 Gen 2 Type-C
HDMI Port	1

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Micro HDMI Port	No
Mini HDMI Port	No
Display Port	No
Mini DP Port	No
VGA/D-Sub	No
Headphone Port	Combo
Microphone Port	Combo
Security Lock Slot	No

Network & Connectivity

LAN	Yes
WiFi	Wi-Fi 6, 802.11ax 2x2
Bluetooth	Bluetooth 5.2

Audio & Camera

Audio Properties	High Definition (HD) Audio, Realtek ALC3287 codec, Stereo speakers, 2W x2, optimized with Nahimic Audio, 2x, Array
Speaker	Yes
Microphone.	Yes
WebCam	HD WebCam

Keyboard

Keyboard Layout	4-Zone RGB Backlit, English (EU)
Keyboard Back-lit	Yes
Num Key pad	Yes (Numeric)
Pointing Device	Touchpad
Dedicated Navigation key	No

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Security

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

Software

Operating System	Win-11 Home
Licensed Application	No

Physical Description

Body Material	PC-ABS (Top), PC-ABS (Bottom)
Device Lighting	No
Color	Luna Gray
Dimensions	359.86 x 258.7 x 21.9-23.9mm
Weight (Kg)	2.38 kg

Power

Battery Capacity	60Wh
Power Adapter	170W
Adapter Type	AC Adapter

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	MIL-STD-810H military test passed, ErP Lot 3, RoHS compliant, TUV Rheinland Low Blue Light (Software Solution).
Specialty	AI Optimized, AI Chip: LA1, USB-C (USB 10Gbps / USB 3.2 Gen 2), with Lenovo PD 140W and DisplayPort 1.4, HDMI 2.1, up to 8K/60Hz.

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