

SPECIFICATIONS



Lenovo LOQ Gaming 15IRX9 13th Gen Intel Core i5 13450HX 16GB RAM 512GB SSD 15.6 Inch FHD Display AI Optimized Luna Grey Gaming Laptop

Regular Price 137,800

Special Price 128,000

ID: 33.02.200.1423

General

Brand	Lenovo
Laptop Series	LOQ
Model	Lenovo LOQ Gaming 15IRX9
User Segment	Gaming, Consumer
Part No	83DV00K1LK

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	16GB
Installed RAM Details	1 x 16GB Removable
RAM Type	DDR5
RAM Bus	4800 MHz
Total RAM Slot	2
Empty/Expansion RAM Slot	1
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

RGB Keyboard Yes

Num Key pad Yes (Numeric)

Pointing Device Touchpad

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Dedicated Navigation key	No
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Security

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

Operating System	Win-11 Home
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Licensed Application	No
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Physical Description

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

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

Warranty Details	2 Year (1 year for Battery and Adapter)
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Warranty Claim Duration (Approximate)	Estimated Warranty Claim Duration 20 Days. It may take additional time up to 40 days
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Certifications	MIL-STD-810H military test passed, ErP Lot 3, RoHS compliant, TUV Rheinland Low Blue Light (Software Solution).
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