ComX Computers
Product Specification Sheet

NBLE83JE003HSA

Lenovo LOQ 15IRX10 Gaming 14th gen Gaming Notebook i7-14700HZ 5.5GHz 16GB 512GB 15.6" FULL HD RTX 5060 8GB BT Win 11 Home

Product Overview

Lenovo LOQ 15IRX10 Gaming Series 14th gen NBLE83JE003HSA Grey Gaming Notebook, Intel Core i7 Raptor Lake Twenty (20) Core i7-14700HX Turbo Boost up to 5.5Ghz 33MB L3 Cache Processor (8 Perfomance Cores & 12 Efficient Cores), 16GB DDR5-4800 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot + M.2 2280 Slot, NO optical drive (No CD), 15.6" FULL HD (1920 x 1080 resolution) Non Gloss Type IPS, 300nits, 144Hz LED Backlit Display, nVidia Geforce RTX 5060 with 8GB dedicated graphics, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, Backlit Keyboard, Full Size Keyboard with Numpad, 3x USB-A (USB 5Gbps / USB 3.2 Gen 1), 1x USB-C (USB 10Gbps / USB 3.2 Gen 2 with USB PD 65-100W / DisplayPort 1.4), HDMI output, 2.4 kg, Microsoft Windows 11 Home 64 bit, 1 Year Carry in warranty











1. USB-C® (USB 10Gbps), with PD 140W & DP 1.4	5. HDMI®
2. Combo audio jack	6. Ethernet (RJ-45)
3. USB-A (USB 5Gbps)	7. USB-A (USB 5Gbps)
4. USB-A (USB 5Gbps)	8. Power connector

Specifications

Summary Overview:

Experience top-tier gaming performance with the Lenovo LOQ 15IRX10 Gaming Notebook. Equipped with the powerful Intel Core i7-14700HX processor and NVIDIA RTX 5060 graphics, this laptop handles high-end games and demanding applications with ease. Its 16GB DDR5 memory and 512GB SSD ensure fast load times and smooth multitasking, while the 15.6" FHD 144Hz display delivers crisp visuals for an immersive gaming experience. Shop now in South Africa and elevate your gaming setup today.

Gamers and content creators alike praise the LOQ 15IRX10 series for its reliable performance and responsive design. Users report excellent thermal management, fast processing for AI and creative applications, and strong graphics rendering. This model is ideal for enthusiasts who need a laptop capable of both gaming and productivity tasks.

Laptop performance tier: High-End Gaming

Uses: Gaming, content creation, video editing, AI applications, multitasking, entertainment

Overview:

Lenovo LOQ 15IRX10 Gaming Laptop - High-Performance Gaming on the Go

The Lenovo LOQ 15IRX10 is a gaming laptop designed for serious performance and immersive visuals. Equipped with a 14th Gen Intel Core i7-14700HX processor, it offers 20 cores (8 performance + 12 efficient) and 28 threads, allowing speeds up to 5.5GHz. Combined with 16GB DDR5 memory and an NVIDIA GeForce RTX 5060 graphics card, this laptop handles modern AAA games, creative workloads, and AI-powered applications with ease. Its sleek Luna Grey chassis balances portability with durability, making it an ideal choice for gamers and creators who need power in a compact package.

The laptop features a 15.6-inch Full HD IPS display with a 144Hz refresh rate, anti-glare coating, and 300 nits brightness, delivering crisp visuals and smooth motion. With a PCIe 4.0 NVMe 512GB SSD, users enjoy fast boot times, quick file access, and room for games and projects. Its backlit keyboard, full-size layout with numeric pad, and precision touchpad enhance usability, whether gaming, streaming, or multitasking.

Features:

Processing Power and Graphics

- Intel Core i7-14700HX processor with 8 performance cores and 12 efficient cores
- Turbo Boost up to 5.5GHz for demanding tasks
- 33MB Intel Smart Cache for faster data access
- NVIDIA GeForce RTX 5060 8GB GDDR7 graphics with 572 AI TOPS
- Ideal for gaming, AI applications, and content creation

Memory and Storage

- 16GB DDR5-5600 memory, expandable up to 32GB
- Two DDR5 SODIMM slots for dual-channel performance
- 512GB M.2 2242 PCIe 4.0 NVMe SSD
- Supports up to two M.2 SSDs for additional storage
- No optical drive, keeping the design slim and lightweight

Display and Design

- 15.6-inch FHD (1920 x 1080) IPS display with anti-glare coating
- 144Hz refresh rate with G-SYNC for smooth visuals
- 88% screen-to-body ratio for immersive viewing
- Sleek Luna Grey body, measuring 359.86 x 258.7 x 21.9-23.9 mm
- Lightweight design starting at 2.4 kg, easy to carry

Connectivity Options

- Wi-Fi 6 (802.11ax) and Bluetooth 5.2
- Gigabit Ethernet (RJ-45) for stable wired connections
- USB ports: 3x USB-A (5Gbps), 1x USB-C (10Gbps, USB PD, DisplayPort 1.4)
- HDMI 2.1 output supporting up to 8K/60Hz
- Headphone/mic combo jack and slim tip power connector
- Compatible with various USB-C docking solutions

Audio, Camera, and Input

- Stereo speakers with Nahimic Audio optimization
- Dual-array microphones for clear voice capture
- 5MP webcam with electronic shutter
- White backlit keyboard for low-light environments
- Buttonless multi-touch precision touchpad

Software and Security

- Preloaded with Windows 11 Home Single Language
- Firmware TPM 2.0 for enhanced security
- E-shutter for privacy during webcam use
- Office trial included

The Lenovo LOQ 15IRX10 combines robust performance, advanced graphics, and sleek design to meet the demands of gamers, creators, and AI enthusiasts. Its high-speed processor, expandable memory, and high-refresh display make it a competitive choice for anyone seeking a powerful, portable gaming notebook.

Specifications:

LOQ 15IRX10	
Model	83JE003HSA
PERFORMANCE	
Processor	Intel Core i7-14700HX, 20C (8P + 12E) / 28T, P-core 2.1 / 5.5GHz, E-core 1.5 / 3.9GHz, 33MB Intel Smart Cache
AI PC Category	AI-Powered Gaming PC
Graphics	NVIDIA GeForce RTX 5060 8GB GDDR7, Boost Clock 2497MHz, TGP 100W, 572 AI TOPS
Chipset	Intel HM770 Chipset
Memory	1x 16GB SODIMM DDR5-5600

Memory Slots	Two DDR5 SODIMM slots, dual-channel capable
Max Memory	Up to 32GB DDR5-5600 offering
Storage	512GB SSD M.2 2242 PCIe 4.0x4 NVMe
Storage Slot	Two M.2 2280 PCIe 4.0 x4 slots
Max Storage Support	Up to two drives, 2x M.2 SSD
	M.2 2242 SSD up to 1TB each
Optical	None
Card Reader	None
Audio Chip	High Definition (HD) Audio, Realtek ALC3287 codec
Speakers	Stereo speakers, 2W x2, optimized with Nahimic Audio
Microphone	2x, Array
Camera	5.0MP with E-shutter
Battery	60Wh
Power Adapter	245W Slim Tip (3-pin)
Special Features	AI Chip: LA1
DESIGN	
Display	15.6" FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz, G-SYNC
Touchscreen	None
Screen-to-Body Ratio	88% AAR (active area ratio)
Color Calibration	None
Pen	Pen Not Supported
Keyboard	White Backlit, English
Touchpad	Buttonless Mylar surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
Dimensions (WxDxH)	359.86 x 258.7 x 21.9-23.9 mm (14.17 x 10.19 x 0.86-0.94 inches)
Weight	Starting at 2.4 kg (5.29 lbs)
Case Color	Luna Grey
Case Material	PC-ABS (Top), PC-ABS (Bottom)
Surface Treatment	Painting
SOFTWARE	
Operating System	Windows 11 Home Single Language, English
Bundled Software	Office Trial
CONNECTIVITY	
WLAN + Bluetooth	Wi-Fi 6, 802.11ax 2x2 + BT5.2
WWAN	WWAN Not Supported
Ethernet	100/1000M (RJ-45)

Standard Ports	3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
	1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 65-100W and DisplayPort 1.4
	1x HDMI 2.1, up to 8K/60Hz
	1x Headphone / microphone combo jack (3.5mm)
	1x Ethernet (RJ-45)
	1x Slim tip Power connector
Docking	Various docking solutions supported via USB-C .
	For more compatible docking solutions, please visit
	Docking for LOQ 15IRX10
SECURITY & PRIVACY	
Security Chip	Firmware TPM 2.0 Enabled
Fingerprint Reader	None
Other Security	E-shutter
ACCESSORIES	
Bundled Accessories	None
CERTIFICATIONS	
Green Certifications	ErP Lot 6/26
	RoHS compliant
Other Certifications	TÜV Rheinland Low Blue Light (Software Solution)
MODEL INFORMATION	
Model	83JE003HSA
Machine Type	83JE
Region	MEA
Country/Region	South Africa
TopSeller	No
EAN / UPC / JAN	198157396838
Announce Date	2025-05-19
End of Support	2031-05-30

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-NBLE83JE003HSA-Lenovo-LOQ-15IRX10-lp-335918.php

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