LOQ Essential 15IRX11 83SC0011FR

Lenovo

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i5-13450HX, 10C (6P + 4E) / 16T, P-core 2.4 / 4.6GHz, E-core 1.8 / 3.4GHz, 20MB

AI PC Category
AI-Powered Gaming PC

Graphics
NVIDIA® GeForce RTX™ 5050 8GB GDDR7, Boost Clock 1500MHz, TGP 65W, 440 AI TOPS

Chipset
Intel® HM770 Chipset

Memory[1]
1x 16GB SO-DIMM DDR5-4800

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory[2]
Up to 16GB DDR5-4800 offering

Storage
512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Max Storage Support[3][4]
Up to two drives, 2x M.2 SSD
• M.2 SSD up to 1TB each

Storage Slot
Two M.2 2242 PCIe® 4.0 x4 slots

Card Reader
None

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, optimized with Nahimic Audio

Camera
HD 720p with E-shutter

Microphone
2x, Array

Battery
60Wh

Power Adapter
135W Slim Tip (3-pin)

Special Features
AI Chip: LA1

DESIGN

Display[5]
15.6″ FHD (1920x1080) IPS 300nits Anti-glare, 100% sRGB, 144Hz

Touchscreen
None

Screen-to-Body Ratio
88% AAR (active area ratio)

Color Calibration
None

Pen
Pen Not Supported

Keyboard
Non-backlit, French

Touchpad
Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 69 x 104 mm (2.72 x 4.09 inches)

Case Color
Luna Grey

Case Material
PC-ABS (Top), PC-ABS (Bottom)

Surface Treatment
Painting

Dimensions (WxDxH)[6]
361.26 x 255.6 x 22.9-24.8 mm (14.22 x 10.06 x 0.90-0.98 inches)

Weight[7]
Starting at 2.3 kg (5.07 lbs)

SOFTWARE

Operating System
Windows® 11 Home, French

Bundled Software
Office Trial

CONNECTIVITY

WLAN + Bluetooth®
Wi-Fi® 6, 802.11ax 2x2 + BT5.2

WWAN
Non-WWAN

Ethernet
100/1000M (RJ-45)

Standard Ports[8][9]
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with USB PD 65-100W
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Power connector

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 Enabled

Fingerprint Reader
None

Other Security
E-shutter

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications
- ErP Lot 6/26
- RoHS compliant

MODEL

TopSeller	: No	**Announce Date**	: 2025-07-25
EAN / UPC / JAN	: 199271953204	**End of Support**	: 2031-08-31

Product image is a sample, it may not match the real color of this model

Note:
[1] Installed memory is actually DDR5-5600 but may run as DDR5-4800 due to processor limitation.
[2] The max memory is based on the test results with current Lenovo memory offerings.
[3] The storage capacity supported is based on the test.....

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Accidental Damage Protection - **Protection of your PC from the unexpected.**

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty – **Included with the systems you purchase, default 1- or 3-year coverage window.**

Warranty Extensions & Upgrades – **Service and protection that's right for your circumstances.**

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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