



Lenovo LOQ Essential 15IRX11 Intel® Core™ i5 i5-13450HX Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6 (802.11ax) Windows 11 Home German Grey

Brand : Lenovo

Product family: LOQ

Product code: 83SC0029GE

Product name : LOQ Essential 15IRX11



Lenovo LOQ Essential 15IRX11. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13450HX, Processor frequency: 2.4 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Luna Grey	On-board graphics card family	Intel® UHD Graphics
Product type *	Laptop	On-board graphics card model *	Intel® UHD Graphics
Product colour *	Grey	Audio	
Form factor *	Clamshell	Audio chip	Realtek ALC3287
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Number of built-in speakers	2
Display		Speaker power	2 W
Display diagonal *	39.6 cm (15.6")	Built-in microphone	✓
Display resolution *	1920 x 1080 pixels	Number of microphones	2
Touchscreen *	✗	Camera	
HD type	Full HD	Front camera	✓
Panel type	IPS	Front camera resolution	1280 x 720 pixels
LED backlight	✓	Front camera HD type	HD
Native aspect ratio	16:9	Privacy camera	✓
Anti-glare screen	✓	Privacy type	Privacy shutter
Display brightness	300 cd/m²	Network	
RGB colour space	sRGB	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Colour gamut	100%	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Maximum refresh rate	144 Hz	Mobile network connection *	✗
Processor		Antenna type	2x2
Processor manufacturer *	Intel	Ethernet LAN	✓
Processor family *	Intel® Core™ i5	Ethernet LAN data rates	100,1000 Mbit/s
Processor generation	13th gen Intel® Core™ i5	Bluetooth	✓
Processor model *	i5-13450HX	Bluetooth version	5.2
Processor cores	10	Ports & interfaces	
Processor threads	16	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor boost frequency	4.6 GHz		
Processor frequency *	2.4 GHz		

Processor		Ports & interfaces	
Performance cores	6	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient cores	4	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	4.6 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	3.4 GHz	HDMI version	2.1
Processor cache	20 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache		
Processor base power	55 W		
Maximum turbo power	157 W		
Memory		Performance	
Internal memory *	16 GB	Motherboard chipset	Intel HM770
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	1 x 16 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	16 GB	Keyboard backlit colour	White
Storage		Keyboard language	German
Total storage capacity *	512 GB		
Storage media *	SSD	Software	
Total SSDs capacity	512 GB	Operating system language	German
Number of SSDs installed	1	Trial software	Office
SSD capacity	512 GB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0		
NVMe	✓	Battery	
SSD form factor	M.2	Battery capacity *	60 Wh
Optical drive type *	✗		
Card reader integrated	✗	Power	
Graphics		AC adapter power	135 W
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	USB Type-C charging port *	✓
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR7		
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Fingerprint reader	✗
Discrete graphics card *	✓	Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Certificates	
		Certification	RoHS
		Weight & dimensions	
		Width	361.3 mm
		Depth	255.6 mm
		Height (front)	2.29 cm
		Height (rear)	2.48 cm
		Weight *	2.3 kg
		Packaging content	
		AC adapter included *	✓



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