



Lenovo LOQ Intel® Core™ i5 i5-12450HX Sülearvuti 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Hall

Brand : Lenovo

Product code: 83GS002NPB

Product name : LOQ

Lenovo LOQ. Toote tüüp: Sülearvuti, Toote kuju: Kokkukäiv. Protsessori perekond: Intel® Core™ i5, Protsessori mudel: i5-12450HX. Ekraani diagonaal: 39,6 cm (15.6"), HD tüüp: Full HD, Ekraani resolutsioon: 1920 x 1080 pikslit. Sisemälu: 16 GB, Sisemälu tüüp: DDR5-SDRAM. Salvestusmaht kokku: 512 GB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel® UHD Graphics, Eraldiseisva graafika adapteri mudel: NVIDIA GeForce RTX 3050. Toote värv: Hall. Kaal: 2,38 kg



Design		Audio	
Colour name	Luna Grey	Number of microphones	2
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Front camera HD type	HD
Market positioning	Gaming	Privacy camera	✓
Display		Network	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	100,1000 Mbit/s
Native aspect ratio	16:9	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.2
Display brightness	300 cd/m²	WWAN	Not installed
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Maximum refresh rate	144 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i5	Combo headphone/mic port	✓
Processor generation	12th gen Intel® Core™ i5	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i5-12450HX		
Processor cores	8		
Processor threads	12		

Processor		Performance	
Processor boost frequency	4.4 GHz	Motherboard chipset	Intel HM670
Performance cores	4	Keyboard	
Efficient cores	4	Pointing device	Touchpad
Performance-core Max Turbo Frequency	4.4 GHz	Keyboard language	English
Efficient-core Max Turbo Frequency	3.1 GHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Keyboard backlit colour	White
Processor base power	55 W	Software	
Maximum turbo power	157 W	Operating system installed *	✗
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	DDR5-SDRAM	Battery capacity *	60 Wh
Memory clock speed	4800 MHz	Battery life (max)	5.2 h
Memory form factor	SO-DIMM	Continuous video playback time	6.9 h
Memory layout (slots x size)	2 x 8 GB	Fast charging	✓
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	32 GB	AC adapter power	170 W
Memory channels	Dual-channel	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD) *	✓
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Fingerprint reader	✗
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, HDD, Power on, Supervisor
Optical drive type *	✗	Operational conditions	
Card reader integrated	✗	Operating temperature (T-T)	5 - 35 °C
Graphics		Storage temperature (T-T)	5 - 43 °C
Discrete GPU manufacturer	NVIDIA	Operating relative humidity (H-H)	8 - 95%
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Storage relative humidity (H-H)	5 - 95%
Discrete graphics card memory	6 GB	Maximum shipping altitude	3048 m
Discrete graphics memory type	GDDR6	Certificates	
On-board graphics card *	✓	Compliance certificates	RoHS
On-board GPU manufacturer	Intel	Certification	ErP Lot 3 TÜV Rheinland Low Blue Light (Software Solution)
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	Intel® UHD Graphics	Width	359.9 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	258.7 mm
NVIDIA G-SYNC	✓	Height (front)	2.19 cm
Audio		Height (rear)	2.39 cm
Audio chip	Realtek ALC3287	Weight *	2.38 kg
Audio system	Nahimic Audio	Packaging content	
Number of built-in speakers	2	AC adapter included *	✓
Speaker power	2 W		
Built-in microphone	✓		



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