



Lenovo LOQ 17IRX10 Intel® Core™ i7 i7-14700HX Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6 (802.11ax) Windows 11 Home Grey English

Brand : Lenovo

Product family: LOQ

Product code: 83JH00BXUK

Product name : LOQ 17IRX10

- Intel Core i7-14700HX, 20C (8P + 12E)/28T, P-core 2.1/5.5GHz, E-core 1.5/3.9GHz, 33MB Intel Smart Cache
- 17.3" FHD (1920x1080) IPS 300nits 100% sRGB 165Hz G-SYNC
- 1x 16GB SODIMM DDR5-5600
- 1TB SSD M.2 2242 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 5070 8GB GDDR7, Boost Clock 2347MHz, TGP 115W, 798 AI TOPS
- Windows 11 Home

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Step Up to True Gaming

- Go beyond performance with Intel® Core™ HX Processors
- Powered by NVIDIA® GeForce RTX™ 50 Series GPUs
- High resolution and refresh rate screens will help conquering leaderboards



Design		Graphics	
Colour name	Luna Grey	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Grey	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Audio	
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Audio chip	Realtek ALC3287
Display		Number of built-in speakers	2
Display diagonal *	43.9 cm (17.3")	Speaker power	2 W
Display resolution *	1920 x 1080 pixels	Built-in microphone	✓
Touchscreen *	✗	Number of microphones	2
HD type	Full HD	Camera	
Panel type	IPS	Front camera resolution (numeric)	5 MP
LED backlight	✓	Privacy camera	✓
Native aspect ratio	16:9	Privacy type	Privacy shutter
Anti-glare screen	✓	Network	
Display brightness	300 cd/m²	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
RGB colour space	sRGB	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Colour gamut	100%	Mobile network connection *	✗
Maximum refresh rate	165 Hz	Antenna type	2x2
Processor		Ethernet LAN	✓
Processor manufacturer *	Intel	Ethernet LAN data rates	100,1000 Mbit/s
Processor family *	Intel® Core™ i7	Bluetooth	✓
Processor generation	Intel® Core™ i7 (14th gen)	Bluetooth version	5.2
Processor model *	i7-14700HX	Ports & interfaces	
Processor cores	20	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor threads	28	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor boost frequency	5.5 GHz	Ethernet LAN (RJ-45) ports	1
Processor frequency *	2.1 GHz	HDMI ports quantity *	1
Performance cores	8		
Efficient cores	12		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.5 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.9 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.1 GHz	Performance	
Efficient-core base frequency	1.5 GHz	Motherboard chipset	Intel HM770
Processor cache	33 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor base power	55 W	Numeric keypad *	✓
Maximum turbo power	157 W	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	16 GB	Keyboard backlit zone	24-zone RGB
Internal memory type	DDR5-SDRAM	Keyboard language	English
Memory clock speed	5600 MHz	Software	
Memory form factor	SO-DIMM	Operating system language	English
Memory layout (slots x size)	1 x 16 GB	Trial software	Office
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	32 GB	Battery	
Storage		Battery capacity *	60 Wh
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	245 W
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Fingerprint reader	✗
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Certificates	
Card reader integrated	✗	Certification	RoHS
Graphics		Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Width	398.4 mm
Discrete graphics card memory	8 GB	Depth	276.2 mm
Discrete graphics memory type	GDDR7	Height (front)	2.29 cm
On-board graphics card *	✓	Height (rear)	2.52 cm
On-board GPU manufacturer	Intel	Weight *	2.9 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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