

Lenovo

Lenovo Legion 7 Intel® Core™ i9 i9-14900HX Laptop 40,6 cm (16") 3.2K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Wit

Merk : Lenovo**Productfamilie:** Legion**Artikelcode:** 83FD00A2MH**Productnaam :** 7

Lenovo Legion 7. Type product: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i9, Processormodel: i9-14900HX. Beeldschermdiagonaal: 40,6 cm (16"), HD type: 3.2K, Resolutie: 3200 x 2000 Pixels. Intern geheugen: 32 GB, Intern geheugentype: DDR5-SDRAM. Totale opslagcapaciteit: 1 TB, Opslagmedia: SSD. On-board graphics adapter model: Intel® UHD Graphics, Discreet grafische adapter model: NVIDIA GeForce RTX 4070. Inclusief besturingssysteem: Windows 11 Home. Kleur van het product: Wit



Design		Audio	
Colour name	Glacier White	Built-in microphone	✓
Product type *	Laptop	Number of microphones	2
Product colour *	White	Camera	
Form factor *	Clamshell	Front camera	✓
Housing material	Aluminium	Front camera resolution	1920 x 1080 pixels
Market positioning	Gaming	Front camera HD type	Full HD
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	3200 x 2000 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	3.2K	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✗
Anti-glare screen	✓	Bluetooth	✓
Display brightness	430 cd/m ²	Bluetooth version	5.3
RGB colour space	DCI-P3	WWAN	Not installed
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	165 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	1200:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	1
Processor family *	Intel® Core™ i9		
Processor generation	Intel® Core™ i9 (14th gen)		

Processor		Ports & interfaces	
Processor model *	i9-14900HX	Intel® Thunderbolt 4	✓
Processor cores	24	Combo headphone/mic port	✓
Processor threads	32	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.8 GHz	USB Sleep-and-Charge	✓
Performance cores	8	USB Sleep-and-Charge ports	1
Efficient cores	16		
Performance-core Max Turbo Frequency	5.8 GHz	Performance	
Efficient-core Max Turbo Frequency	4.1 GHz	Motherboard chipset	Intel HM770
Performance-core base frequency	2.2 GHz	Hall sensor	✓
Efficient-core base frequency	1.6 GHz	Keyboard	
Processor cache	36 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Keyboard language	English
Processor base power	55 W	Numeric keypad *	✓
Maximum turbo power	157 W	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	32 GB	Keyboard backlit zone	Per-key RGB
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	5600 MHz	Operating system language	German, Dutch, English, French
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 16 GB	Bundled software	Office Trial
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	32 GB	Battery technology	Lithium Polymer (LiPo)
Memory channels	Dual-channel	Battery capacity *	99.9 Wh
Storage		Battery life (max)	5.7 h
Total storage capacity *	1 TB	Continuous video playback time	8.7 h
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	230 W
SSD capacity	1 TB	AC adapter frequency	50/60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
M.2 SSD size	2280 (22 x 80 mm)	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	SD	Password protection	✓
Graphics		Password protection type	BIOS, Power on, Supervisor
Discrete GPU manufacturer	NVIDIA	Operational conditions	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Operating temperature (T-T)	5 - 35 °C
Discrete graphics card memory	8 GB	Storage temperature (T-T)	5 - 43 °C
Discrete graphics memory type	GDDR6	Operating relative humidity (H-H)	8 - 95%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
On-board GPU manufacturer	Intel	Maximum shipping altitude	3048 m
Discrete graphics card *	✓	Certificates	
On-board graphics card family	Intel® UHD Graphics	Compliance certificates	RoHS
On-board graphics card model *	Intel® UHD Graphics	Certification	ErP Lot 3 TÜV Rheinland® Low Blue Light (Software Solution)
NVIDIA G-SYNC	✓	Weight & dimensions	
Audio		Width	357.7 mm
Audio chip	Realtek ALC3287	Depth	262.5 mm
Audio system	Nahimic Audio	Height (front)	1.76 cm
Number of built-in speakers	2	Height (rear)	1.98 cm
Speakers manufacturer	Harman Kardon	Weight *	2.24 kg
Speaker power	2 W		

Packaging content

Stylus pen ✘

Technical details

Box contents Legion Speed Mouse Pad M



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