



Lenovo Legion 5 16IRX9 Intel® Core™ i9 i9-14900HX Laptop 40,6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grijs

Merk : Lenovo

Productfamilie: Legion

Artikelcode: 83DG00L4MB

Productnaam : 5 16IRX9

- Intel Core i9-14900HX, 24C (8P + 16E)/32T, P-core 2.2/5.8GHz, E-core 1.6/4.1GHz, 36MB
- 16" WQXGA (2560x1600) IPS 500nits 100% sRGB 240Hz DisplayHDR 400 Dolby Vision G-SYNC Low Blue Light
- 2x 16GB SO-DIMM DDR5-5600
- 1TB SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4070 8GB , Boost Clock 2175MHz, TGP 140W, 321 AI TOPS
- Windows 11 Home

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Design		Graphics	
Colour name	Luna Grey	On-board graphics card model *	Intel Iris Xe Graphics
Product type *	Laptop	Audio	
Product colour *	Grey	Audio chip	Realtek ALC3287
Form factor *	Clamshell	Number of built-in speakers	2
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC)	Speaker power	2 W
Display		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	Number of microphones	2
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	WQXGA	Front camera resolution	1920 x 1080 pixels
Panel type	IPS	Front camera HD type	Full HD
LED backlight	✓	Privacy camera	✓
Native aspect ratio	16:10	Privacy type	Privacy shutter
Anti-glare screen	✓	Network	
Display brightness	500 cd/m ²	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	sRGB	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Mobile network connection *	✗
Maximum refresh rate	240 Hz	Antenna type	2x2
High Dynamic Range (HDR) supported	✓	Ethernet LAN	✓
High Dynamic Range (HDR) technology	Dolby Vision, DisplayHDR 400	Ethernet LAN data rates	100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.2
Processor family *	Intel® Core™ i9	WWAN	Not installed
Processor generation	Intel® Core™ i9 (14th gen)	Ports & interfaces	
Processor model *	i9-14900HX	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3

Processor		Ports & interfaces	
Processor cores	24	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor threads	24	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.8 GHz	HDMI ports quantity *	1
Performance cores	8	HDMI version	2.1
Efficient cores	16	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.8 GHz	USB Sleep-and-Charge	✓
Efficient-core Max Turbo Frequency	4.1 GHz	Performance	
Performance-core base frequency	2.2 GHz	Motherboard chipset	Intel HM770
Efficient-core base frequency	1.6 GHz	Keyboard	
Processor cache	36 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Keyboard language	Belgian
Processor base power	55 W	Numeric keypad *	✓
Maximum turbo power	157 W	Keyboard backlit	✓
Memory		Keyboard backlit colour	White
Internal memory *	32 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Trial software	Office
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	64 GB	Battery capacity *	80 Wh
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	230 W
Storage media *	SSD	AC adapter frequency	50/60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Fingerprint reader	✗
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	5 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	5 - 43 °C
Compatible memory cards	MicroSD (TransFlash)	Operating relative humidity (H-H)	8 - 95%
Graphics		Storage relative humidity (H-H)	5 - 95%
Discrete GPU manufacturer	NVIDIA	Certificates	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Certification	RoHS
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	359.7 mm
On-board graphics card *	✓	Depth	262.3 mm
On-board GPU manufacturer	Intel	Height (front)	1.97 cm
Discrete graphics card *	✓	Height (rear)	2.52 cm
On-board graphics card family	Intel Iris Xe Graphics	Weight *	2.36 kg
		Packaging content	
		Mouse included	✓
		AC adapter included *	✓



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