



**Lenovo Legion 9 16IRX9 Intel® Core™ i9 i9-14900HX Computer portatile 40,6 cm (16") 3.2K 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6E (802.11ax) Windows 11 Home Italiano Nero**

**Marchio :** Lenovo **Famiglia del prodotto:** Legion **Codice prodotto:** 83G00029IX

**Nome del prodotto :** Legion 9 16IRX9

Intel Core i9-14900HX, 24C (8P + 16E)/32T, P-core 2.2/5.8GHz, E-core 1.6/4.1GHz, 36MB, 2x 32GB SO-DIMM DDR5-5600 (Overclock), 2TB SSD M.2 2280 PCIe 4.0x4 NVMe, 16" 3.2K (3200x2000) Mini LED 1200nits 100% DCI-P3 100% Adobe RGB 100% sRGB 165Hz DisplayHDR 1000 Dolby Vision G-SYNC Low Blue Light, NVIDIA GeForce RTX 4090 16GB , Boost Clock 2040MHz, TGP 175W, Intel Killer Wi-Fi 6E AX1675i 11ax 2x2 + BT5.3, FHD 1080p with E-shutter, Windows 11 Home

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**La rivoluzionaria tecnologia in grado di cambiare le regole del gioco**  
Raffreddamento a liquido. Ottimizzazione tramite IA. Un futuro forgiato.Scopri il notebook che sta cambiando l'intero settore del gaming su PC, con la rivoluzionaria tecnologia di raffreddamento a liquido, funzioni IA e altro ancora.Design in carbonio forgiato unico nel suo genere  
Distribuzione di alimentazione dinamica con ottimizzazione IA  
Rivoluzionaria tecnologia di raffreddamento a liquido



Design		Camera	
Colour name	Carbon Black	Front camera resolution	1920 x 1080 pixels
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Black	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Housing material	Aluminium	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	3200 x 2000 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	3.2K	WLAN controller manufacturer	Intel
LED backlight	✓	Ethernet LAN	✓
Anti-glare screen	✓	Bluetooth	✓
Display brightness	1200 cd/m²	Bluetooth version	5.3
RGB colour space	sRGB	WWAN	Not installed
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	165 Hz	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i9	Combo headphone/mic port	✓
Processor generation	Intel® Core™ i9 (14th gen)	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i9-14900HX	USB Sleep-and-Charge	✓
Processor cores	24	Performance	
Processor boost frequency	5.8 GHz	Motherboard chipset	Intel HM770
Processor frequency *	2.2 GHz		

Memory		Keyboard	
Internal memory *	64 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	5600 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 32 GB	Keyboard backlit zone	Per-key RGB
Memory slots	2x SO-DIMM	Keyboard language	Italian
Maximum internal memory *	64 GB	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	2 TB	Trial software	Office
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	2 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium Polymer (LiPo)
SSD capacity	2 TB	Battery capacity *	99.9 Wh
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	330 W
SSD form factor	M.2	AC adapter frequency	50/60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✓	Security	
Compatible memory cards	SD	Fingerprint reader	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Operational conditions	
Discrete graphics card memory	16 GB	Operating temperature (T-T)	5 - 35 °C
Discrete graphics memory type	GDDR6	Storage temperature (T-T)	5 - 43 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	8 - 95%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	5 - 95%
Discrete graphics card *	✓	Maximum shipping altitude	3048 m
On-board graphics card family	Intel Iris Xe Graphics	Certificates	
On-board graphics card model *	Intel Iris Xe Graphics	Compliance certificates	RoHS
Audio		Weight & dimensions	
Audio chip	Realtek ALC3306	Width	357.7 mm
Number of built-in speakers	2	Depth	277.7 mm
Speaker power	2 W	Height (front)	1.89 cm
Built-in microphone	✓	Height (rear)	2.27 cm
Number of microphones	2	Weight *	2.6 kg
Camera		Technical details	
Front camera	✓	Box contents	8 Switchable Keycaps and Easy Tool



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