

Lenovo

## Lenovo Legion 9 Intel® Core™ i9 i9-13980HX Ordinateur portable 40,6 cm (16") 3.2K 64 Go DDR5-SDRAM 1 To SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Noir

Marque : Lenovo

Famille de produit: Legion

Code produit: 83AG003YMB

Nom du produit : 9

- Intel Core i9-13980HX, 24C (8P + 16E)/32T, P-core 2.2/5.6GHz, E-core 1.6/4.0GHz, 36Mo
- 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
- 2x 32Go SO-DIMM DDR5-5600 (Overclock)
- 1To SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4080 12Go , Boost Clock 2280MHz, TGP 175W
- Windows 11 Home

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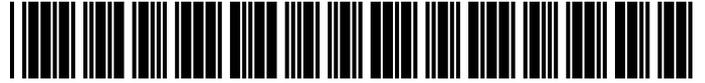
### La technologie révolutionnaire qui change la donne

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	<b>Network</b>	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
<b>Display</b>		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	3200 x 2000 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	3.2K	Ethernet LAN	✓
Panel type	Mini LED	Ethernet LAN data rates	100,1000,2500 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.1
Anti-glare screen	✓	WWAN	Not installed
Display brightness	1200 cd/m <sup>2</sup>	<b>Ports &amp; interfaces</b>	
RGB colour space	sRGB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
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
<b>Processor</b>		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i9	Combo headphone/mic port	✓
Processor generation	13th gen Intel® Core™ i9	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i9-13980HX		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor cores	24	USB Sleep-and-Charge	✓
Processor threads	32	USB Sleep-and-Charge ports	1
Processor boost frequency	5.6 GHz	<b>Performance</b>	
Performance cores	8	Motherboard chipset	Intel WM790
Efficient cores	16	<b>Keyboard</b>	
Performance-core Max Turbo Frequency	5.6 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	4 GHz	Keyboard language	Belgian
Processor cache	36 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	55 W	Keyboard backlit colour	RGB
Maximum turbo power	157 W	Keyboard backlit zone	Per-key RGB
<b>Memory</b>		<b>Software</b>	
Internal memory *	64 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Operating system language	German, Dutch, English, French
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 32 GB	<b>Battery</b>	
Memory slots	2x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	64 GB	Battery capacity *	99.9 Wh
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	1 TB	AC adapter power	330 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	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Power Delivery (USB PD) *	✓
SSD interface	PCI Express 4.0	<b>Security</b>	
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Password protection	✓
Compatible memory cards	SD	Password protection type	HDD, Power on, Supervisor
<b>Graphics</b>		<b>Operational conditions</b>	
Discrete GPU manufacturer	NVIDIA	Operating temperature (T-T)	5 - 35 °C
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Storage temperature (T-T)	5 - 43 °C
Discrete graphics card memory	12 GB	Operating relative humidity (H-H)	8 - 95%
Discrete graphics memory type	GDDR6	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	Maximum shipping altitude	3048 m
On-board GPU manufacturer	Intel	<b>Certificates</b>	
Discrete graphics card *	✓	Compliance certificates	RoHS
On-board graphics card family	Intel® UHD Graphics	Certification	RoHS
On-board graphics card model *	Intel® UHD Graphics	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	357.7 mm
Audio chip	Realtek ALC3306	Depth	277.7 mm
Number of built-in speakers	2	Height	18.9 mm
Speaker power	2 W	Weight *	2.56 kg
Built-in microphone	✓	<b>Packaging content</b>	
Number of microphones	2	AC adapter included *	✓
<b>Camera</b>		<b>Technical details</b>	
Front camera	✓	Box contents	8 Switchable Keycaps



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