



Lenovo Legion Pro 7 Intel® Core™ i9 i9-14900HX Laptop 40,6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Zwart

Merk : Lenovo

Productfamilie: Legion

Artikelcode: 83DE008WMB

Productnaam : Pro 7

- 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% DCI-P3 240Hz DisplayHDR 400 Dolby Vision G-SYNC Low Blue Light High Gaming Performance
- 2x 16GB SO-DIMM DDR5-5600
- 1TB SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4080 12GB , Boost Clock 2280MHz, TGP 175W, 542 AI TOPS
- Windows 11 Home

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Verbeterd met AI. Gekoeld door Vapor Chamber. Verover de game-arena.

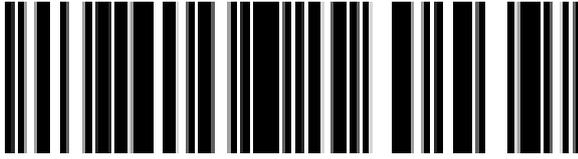
Design		Camera	
Colour name	Eclipse Black	Front camera HD type	Full HD
Product type *	Laptop	Privacy camera	✓
Product colour *	Black	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Housing material	Aluminium	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	2560 x 1600 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Killer Wi-Fi 6E 1675i
HD type	WQXGA	WLAN controller manufacturer	Killer
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	1000,100 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.3
Display brightness	500 cd/m ²	WWAN	Not installed
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Maximum refresh rate	240 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1200:1	Ethernet LAN (RJ-45) ports	1
High Dynamic Range (HDR) supported	✓	HDMI ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision, DisplayHDR 400	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	1
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		

Processor		Ports & interfaces	
Processor cores	24	USB Sleep-and-Charge	✓
Processor threads	24	USB Sleep-and-Charge ports	1
Processor boost frequency	5.8 GHz	Performance	
Performance cores	8	Motherboard chipset	Intel HM770
Efficient cores	16	Keyboard	
Performance-core Max Turbo Frequency	5.8 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	4.1 GHz	Keyboard language	Belgian
Performance-core base frequency	2.2 GHz	Numeric keypad *	✓
Efficient-core base frequency	1.6 GHz	Keyboard backlit	✓
Processor cache	36 MB	Keyboard backlit colour	RGB
Processor cache type	Smart Cache	Keyboard backlit zone	Per-key RGB
Processor base power	55 W	Software	
Maximum turbo power	157 W	Operating system architecture	64-bit
Memory		Operating system language	German, Dutch, English, French
Internal memory *	32 GB	Trial software	Office
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	5600 MHz	Battery	
Memory form factor	SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Memory layout (slots x size)	2 x 16 GB	Battery capacity *	99.9 Wh
Memory slots	2x SO-DIMM	Battery life (max)	9 h
Maximum internal memory *	32 GB	Continuous video playback time	10.4 h
Memory channels	Dual-channel	Power	
Storage		AC adapter power	330 W
Total storage capacity *	1 TB	AC adapter frequency	50/60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
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 *	✗	Password protection	✓
Card reader integrated	✗	Password protection type	HDD, Power on, Supervisor
Graphics		Operational conditions	
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	Certificates	
Discrete graphics card *	✓	Compliance certificates	RoHS
On-board graphics card family	Intel Iris Xe Graphics	Certification	ErP Lot 3 RoHS compliant TÜV Rheinland High Gaming Performance TÜV Rheinland Low Blue Light (Hardware Solution)
On-board graphics card model *	Intel Iris Xe Graphics		
Audio		Sustainability	
Audio chip	Realtek ALC3306	Sustainability certificates	ErP
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2 W	Width	363.5 mm
Built-in microphone	✓	Depth	262.1 mm
Number of microphones	2	Height (front)	2.19 cm
Camera		Height (rear)	2.59 cm
Front camera	✓	Weight *	2.62 kg
Front camera resolution	1920 x 1080 pixels		

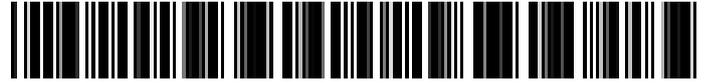
Packaging content

AC adapter included *





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