



Lenovo Legion 5 Intel® Core™ i7 i7-14650HX Ordinateur portable 40,6 cm (16") WQXGA 16 Go DDR5-SDRAM 1 To SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Gris

Marque : Lenovo

Famille de produit: Legion

Code produit: 83DG00B4MB

Nom du produit : 5

- Intel Core i7-14650HX, 16C (8P + 8E)/24T, P-core 2.2/5.2GHz, E-core 1.6/3.7GHz, 30Mo
- 16" WQXGA (2560x1600) IPS 350nits 100% sRGB 165Hz Dolby Vision G-SYNC Low Blue Light
- 2x 8Go SO-DIMM DDR5-5600
- 1To SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4070 8Go , Boost Clock 2175MHz, TGP 140W, 321 AI TOPS
- Windows 11 Home

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Design		Audio	
Colour name	Luna Grey	Number of microphones	2
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Housing material	Polycarbonate (PC), Acrylonitrile butadiene styrene (ABS), Aluminium	Front camera HD type	Full HD
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	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	✓	Ethernet LAN data rates	100,1000 Mbit/s
Display brightness	350 cd/m ²	Bluetooth	✓
RGB colour space	sRGB	Bluetooth version	5.2
Colour gamut	100%	WWAN	Not installed
Maximum refresh rate	165 Hz	Ports & interfaces	
Contrast ratio (typical)	1200:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
High Dynamic Range (HDR) technology	Dolby Vision	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i7	Combo headphone/mic port	✓
Processor generation	Intel® Core™ i7 (14th gen)		

Processor		Ports & interfaces	
Processor model *	i7-14650HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	16	USB Sleep-and-Charge	✓
Processor threads	24	USB Sleep-and-Charge ports	1
Processor boost frequency	5.2 GHz	Performance	
Performance cores	8	Motherboard chipset	Intel HM770
Efficient cores	8	Keyboard	
Performance-core Max Turbo Frequency	5.2 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard language	Belgian
Performance-core base frequency	2.2 GHz	Numeric keypad *	✓
Efficient-core base frequency	1.6 GHz	Keyboard backlit	✓
Processor cache	30 MB	Keyboard backlit colour	White
Processor cache type	Smart Cache	Software	
Processor base power	55 W	Operating system architecture	64-bit
Maximum turbo power	157 W	Operating system language	Dutch, French, English, German
Memory		Trial software	Office Trial
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Battery	
Memory clock speed	5600 MHz	Battery technology	Lithium Polymer (LiPo)
Memory form factor	SO-DIMM	Battery capacity *	80 Wh
Memory layout (slots x size)	2 x 8 GB	Battery life (max)	5.7 h
Memory slots	2x SO-DIMM	Continuous video playback time	6.5 h
Maximum internal memory *	64 GB	Fast charging	✓
Memory channels	Dual-channel	Fast charging time (50%)	30 min
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	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
Compatible memory cards	MicroSD (TransFlash)	Operational conditions	
Graphics		Operating temperature (T-T)	5 - 35 °C
Discrete GPU manufacturer	NVIDIA	Storage temperature (T-T)	5 - 43 °C
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Operating relative humidity (H-H)	8 - 95%
Discrete graphics card memory	8 GB	Storage relative humidity (H-H)	5 - 95%
Discrete graphics memory type	GDDR6	Maximum shipping altitude	3048 m
On-board graphics card *	✓	Certificates	
On-board GPU manufacturer	Intel	Compliance certificates	RoHS
Discrete graphics card *	✓	Certification	ErP Lot 6 ErP Lot 26 TÜV Rheinland Low Blue Light (Hardware Solution)
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	359.7 mm
NVIDIA G-SYNC	✓	Depth	262.3 mm
Audio		Height (front)	1.97 cm
Audio chip	Realtek ALC3287	Height (rear)	2.52 cm
Audio system	Nahimic Audio	Weight *	2.36 kg
Number of built-in speakers	2	Packaging content	
Speaker power	2 W	Mouse included	✓
Built-in microphone	✓	AC adapter included *	✓



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