



**Lenovo Legion 5 16IRX9 Intel® Core™ i7 i7-14650HX Laptop 40,6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grijs**

**Merk :** Lenovo      **Productfamilie:** Legion      **Artikelcode:** 83DG00GJMB  
**Productnaam :** 5 16IRX9

- Intel Core i7-14650HX, 16C (8P + 8E)/24T, P-core 2.2/5.2GHz, E-core 1.6/3.7GHz, 30MB
- 16" WQXGA (2560x1600) IPS 350nits 100% sRGB 165Hz Dolby Vision G-SYNC Low Blue Light
- 2x 8GB 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		Audio	
Colour name	Luna Grey	Audio chip	Realtek ALC3287
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Grey	Speaker power	2 W
Form factor *	Clamshell	Built-in microphone	✓
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC)	Number of microphones	2
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	2560 x 1600 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WQXGA	Privacy camera	✓
Panel type	IPS	Privacy type	Privacy shutter
LED backlight	✓	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display brightness	350 cd/m²	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Ethernet LAN data rates	100,1000 Mbit/s
High Dynamic Range (HDR) supported	✓	Bluetooth	✓
High Dynamic Range (HDR) technology	Dolby Vision	Bluetooth version	5.2
Processor		WWAN	Not installed
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor generation	Intel® Core™ i7 (14th gen)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor model *	i7-14650HX	Ethernet LAN (RJ-45) ports	1

Processor		Ports & interfaces	
Processor cores	16	HDMI ports quantity *	1
Processor threads	24	HDMI version	2.1
Processor boost frequency	5.2 GHz	Combo headphone/mic port	✓
Performance cores	8	USB Sleep-and-Charge	✓
Efficient cores	8	Performance	
Performance-core Max Turbo Frequency	5.2 GHz	Motherboard chipset	Intel HM770
Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard	
Performance-core base frequency	2.2 GHz	Pointing device	Touchpad
Efficient-core base frequency	1.6 GHz	Keyboard language	Belgian
Processor cache	30 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	55 W	Keyboard backlit colour	White
Maximum turbo power	157 W	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 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 8 GB	Battery capacity *	80 Wh
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	230 W
Storage		AC adapter frequency	50/60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Fingerprint reader	✗
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	5 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	5 - 43 °C
Optical drive type *	✗	Operating relative humidity (H-H)	8 - 95%
Card reader integrated	✓	Storage relative humidity (H-H)	5 - 95%
Compatible memory cards	MicroSD (TransFlash)	Maximum shipping altitude	3048 m
Graphics		Certificates	
Discrete GPU manufacturer	NVIDIA	Certification	RoHS
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	359.7 mm
Discrete graphics memory type	GDDR6	Depth	262.3 mm
On-board graphics card *	✓	Height (front)	1.97 cm
On-board GPU manufacturer	Intel	Height (rear)	2.52 cm
Discrete graphics card *	✓	Weight *	2.36 kg
On-board graphics card family	Intel® UHD Graphics	Packaging content	
On-board graphics card model *	Intel® UHD Graphics	Mouse included	✓
		AC adapter included *	✓



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