



# Lenovo Legion Pro 5 16IRX9 Intel® Core™ i7 i7-14700HX Laptop 40,6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grijs

**Merk :** Lenovo

**Productfamilie:** Legion

**Artikelcode:** 83DF00J3MB

**Productnaam :** Pro 5 16IRX9



- Intel Core i7-14700HX, 20C (8P + 12E)/28T, P-core 2.1/5.5GHz, E-core 1.5/3.9GHz, 33MB
- 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 4070 8GB , Boost Clock 2175MHz, TGP 140W, 321 AI TOPS
- Windows 11 Home

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## Verover de game-arena met AI

Design		Camera	
Colour name	Onyx Grey	Front camera resolution	1920 x 1080 pixels
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Grey	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC)	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 *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WQXGA	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	100,1000 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.2
Anti-glare screen	✓	WWAN	Not installed
Display brightness	500 cd/m <sup>2</sup>	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Maximum refresh rate	240 Hz	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		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Sleep-and-Charge	✓
Processor family *	Intel® Core™ i7	Performance	
Processor model *	i7-14700HX	Motherboard chipset	Intel HM770
Processor cores	20		

<b>Processor</b>		<b>Keyboard</b>	
Processor boost frequency	5.5 GHz	Pointing device	Touchpad
Processor frequency *	2.1 GHz	Keyboard language	Belgian
<b>Memory</b>		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	5600 MHz	Keyboard backlit zone	4-zone RGB
Memory form factor	SO-DIMM	<b>Software</b>	
Memory layout (slots x size)	2 x 16 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Trial software	Office
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Battery capacity *	80 Wh
Total SSDs capacity	1 TB	<b>Power</b>	
Number of SSDs installed	1	AC adapter power	300 W
SSD capacity	1 TB	AC adapter frequency	50/60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	<b>Security</b>	
SSD form factor	M.2	Fingerprint reader	✗
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Trusted Platform Module (TPM) version	2.0
<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 4070	Storage temperature (T-T)	5 - 43 °C
Discrete graphics card memory	8 GB	Operating relative humidity (H-H)	8 - 95%
Discrete graphics memory type	GDDR6	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	<b>Certificates</b>	
On-board GPU manufacturer	Intel	Certification	RoHS
Discrete graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board graphics card family	Intel® UHD Graphics	Width	363.4 mm
On-board graphics card model *	Intel® UHD Graphics	Depth	261.8 mm
<b>Audio</b>		Height (front)	2.2 cm
Audio chip	Realtek ALC3287	Height (rear)	2.69 cm
Number of built-in speakers	2	Weight *	2.5 kg
Speaker power	2 W	<b>Packaging content</b>	
Built-in microphone	✓	Mouse included	✓
Number of microphones	2	AC adapter included *	✓
<b>Camera</b>			
Front camera	✓		



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