Lenovo

Lenovo Legion Pro 5 Intel® Core™ i7 i7-14700HX Ordinateur portable 40,6 cm (16") WQXGA 32 Go DDR5-SDRAM 1 To SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Gris

Marque : Lenovo   **Famille de produit:** Legion   **Code produit:** 83DF00BVMB
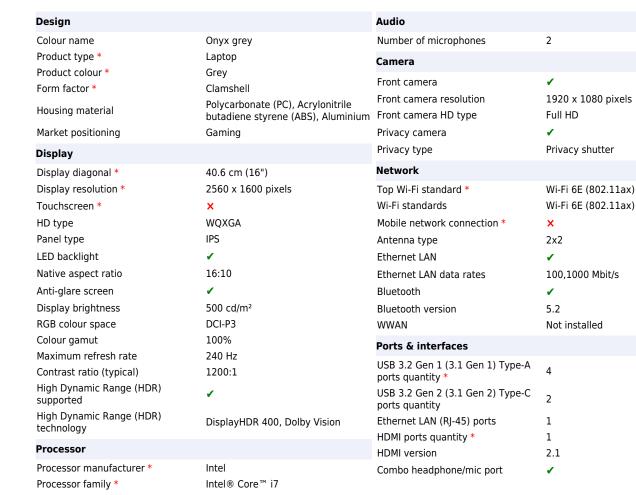
Nom du produit : Pro 5

- Intel Core i7-14700HX, 20C (8P + 12E)/28T, P-core 2.1/5.5GHz, E-core 1.5/3.9GHz, 33Mo
- 16" WQXGA (2560x1600) IPS 500nits 100% DCI-P3 240Hz DisplayHDR 400 Dolby Vision G-SYNC Low Blue Light High Gaming Performance
- 2x 16Go SO-DIMM DDR5-5600
- 1To SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 4060 8Go , Boost Clock 2370MHz, TGP 140W, 233 AI TOPS
- Windows 11 Home
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Optimisé par l'IA pour dominer dans l'arène

Design	
Colour name	Onyx grey
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell
Housing material	Polycarbonate (PC), Acrylonitrile butadiene styrene (ABS), Aluminium
Market positioning	Gaming

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	500 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	240 Hz
Contrast ratio (typical)	1200:1
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	DisplayHDR 400, Dolby Vision

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7

Audio	
Number of microphones	2

Camera	
Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Privacy camera	✔
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.2
WWAN	Not installed

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔

Processor

Processor generation	Intel® Core™ i7 (14th gen)
Processor model *	i7-14700HX
Processor cores	20
Processor threads	28
Processor boost frequency	5.5 GHz
Performance cores	8
Efficient cores	12
Performance-core Max Turbo Frequency	5.5 GHz
Efficient-core Max Turbo Frequency	3.9 GHz
Performance-core base frequency	2.1 GHz
Efficient-core base frequency	1.5 GHz
Processor cache	33 MB
Processor cache type	Smart Cache
Processor base power	55 W
Maximum turbo power	157 W

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics
NVIDIA G-SYNC	✔

Audio

Audio chip	Realtek ALC3287
Audio system	Nahimic Audio
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

Ports & interfaces

USB Type-C DisplayPort Alternate Mode	✔
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Performance

Motherboard chipset	Intel HM770

Keyboard

Pointing device	Touchpad
Keyboard language	Belgian
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	4-zone RGB

Software

Operating system architecture	64-bit
Operating system language	German, Dutch, English, French
Trial software	Office Trial
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	80 Wh
Battery life (max)	5.2 h
Continuous video playback time	7.1 h
Fast charging	✔

Power

AC adapter power	300 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD)	✔

Security

Fingerprint reader	✘
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, Power on, Supervisor

Operational conditions

Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Maximum shipping altitude	3048 m

Certificates

Compliance certificates	RoHS
Certification	ErP Lot 3 TÜV Rheinland® High Gaming Performance TÜV Rheinland Low Blue Light (Hardware Solution)

Weight & dimensions

Width	363.4 mm
Depth	261.8 mm
Height (front)	2.2 cm
Height (rear)	2.69 cm
Weight *	2.5 kg

Packaging content

Mouse included	✔

Packaging content	
AC adapter included *	✔

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