



Lenovo Legion Pro 7 16IAX10H Intel Core Ultra 9 275HX Computer portatile 40,6 cm (16") WQXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 5080 Wi-Fi 7 (802.11be) Windows 11 Home Italiano Nero

Marchio : Lenovo **Famiglia del prodotto:** Legion **Codice prodotto:** 83F5003NIX

Nome del prodotto : Pro 7 16IAX10H



- Intel Core Ultra 9 275HX, 24C (8P + 16E)/24T, P-core 2.7/5.4GHz, E-core 2.1/4.6GHz, 36MB
- 16" WQXGA (2560x1600) OLED 500nits Glossy 100% DCI-P3 240Hz DisplayHDR True Black 1000 Dolby Vision G-SYNC
- 2x 16GB CSODIMM DDR5-6400
- 2x 1TB SSD M.2 2280 PCIe 4.0x4 NVMe
- NVIDIA GeForce RTX 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS
- Windows 11 Home
Intel Core Ultra 9 275HX, 24C (8P + 16E)/24T, P-core 2.7/5.4GHz, E-core 2.1/4.6GHz, 36MB, 2x 16GB CSODIMM DDR5-6400, 2x 1TB SSD M.2 2280 PCIe 4.0x4 NVMe, 16" WQXGA (2560x1600) OLED 500nits Glossy 100% DCI-P3 240Hz DisplayHDR True Black 1000 Dolby Vision G-SYNC, NVIDIA GeForce RTX 5080 16GB GDDR7, Boost Clock 2287MHz, TGP 175W, 1334 AI TOPS, Wi-Fi 7 802.11be 2x2 + BT5.4, 5.0MP with E-shutter, Windows 11 Home

Design		Network	
Colour name	Eclipse Black	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 7 (802.11be)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	Ethernet LAN	✓
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	5.4
Display resolution *	2560 x 1600 pixels	WWAN	Not installed
Touchscreen *	✗	Ports & interfaces	
HD type	WQXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	OLED	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Display surface	Gloss	HDMI ports quantity *	1
Display brightness	500 cd/m²	HDMI version	2.1
RGB colour space	DCI-P3	Thunderbolt 4 ports quantity	1
Colour gamut	100%	Intel® Thunderbolt 4	✓
Maximum refresh rate	240 Hz	Combo headphone/mic port	✓
High Dynamic Range (HDR) supported	✓	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) technology	Dolby Vision	USB Sleep-and-Charge	✓
Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel HM870
Processor family *	Intel Core Ultra 9	Keyboard	
Processor generation	Intel Core Ultra (Series 2)	Pointing device	Touchpad
Processor model *	275HX		
Processor cores	24		

Processor		Keyboard	
Processor boost frequency	5.4 GHz	Numeric keypad *	✓
Processor frequency *	2.7 GHz	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	32 GB	Keyboard backlit zone	Per-key RGB
Internal memory type	DDR5-SDRAM	Keyboard language	Italian
Memory clock speed	6400 MHz	Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage		Trial software	Office
Total storage capacity *	2 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	2 TB	Battery capacity *	99.9 Wh
Number of SSDs installed	2	Power	
SSD capacity	1 TB	AC adapter power	400 W
SSD interface	PCI Express 4.0	AC adapter frequency	50/60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Card reader integrated	✗	Security	
Graphics		Fingerprint reader	✗
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5080	Trusted Platform Module (TPM) version	2.0
Discrete graphics card memory	16 GB	Operational conditions	
Discrete graphics memory type	GDDR7	Operating temperature (T-T)	5 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	5 - 43 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	8 - 95%
Discrete graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
On-board graphics card family	Intel Graphics	Certificates	
On-board graphics card model *	Intel Graphics	Certification	RoHS
Audio		Weight & dimensions	
Audio chip	Realtek ALC3306	Width	364.4 mm
Number of built-in speakers	4	Depth	275.9 mm
Built-in microphone	✓	Height (front)	2.19 cm
Number of microphones	2	Height (rear)	2.67 cm
		Weight *	2.57 kg
Camera		Packaging content	
Front camera resolution (numeric)	5 MP	AC adapter included *	✓
Privacy camera	✓	Technical details	
Privacy type	Privacy shutter	Box contents	4 Switchable Keycaps



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