



## Lenovo IdeaPad Pro 5 Intel Core Ultra 9 185H Ordinateur portable 40,6 cm (16") 2.5K 32 Go LPDDR5x-SDRAM 1 To SSD Wi-Fi 6E (802.11ax) Windows 11 Home Gris

Marque : Lenovo

Famille de produit: IdeaPad

Code produit: 83D4004YMB

Nom du produit : Pro 5

- Intel Core Ultra 9 185H, 16C (6P + 8E + 2LPE)/22T, Max Turbo up to 5.1GHz, 24Mo
- 16" 2.5K (2560x1600) IPS 350nits 100% sRGB 120Hz Eyesafe
- 32Go LPDDR5x-7467
- 1To SSD M.2 2242 PCIe 4.0x4 NVMe
- Intel Arc Graphics
- Windows 11 Home

Intel Core Ultra 9 185H, 16C (6P + 8E + 2LPE)/22T, Max Turbo up to 5.1GHz, 24Mo, 32Go LPDDR5x-7467, 1To SSD M.2 2242 PCIe 4.0x4 NVMe, 16" 2.5K (2560x1600) IPS 350nits 100% sRGB 120Hz Eyesafe, Intel Arc Graphics, Wi-Fi 6E 802.11ax 2x2 + BT5.2, FHD 1080p + IR with Privacy Shutter, ToF Sensor, Windows 11 Home

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### Un choix plus intelligent pour plus de puissance

Design		Audio	
Colour name	Arctic Grey	Speaker power	2 W
Product type *	Laptop	Built-in microphone	✓
Product colour *	Grey	Number of microphones	2
Form factor *	Clamshell	Camera	
Housing material	Aluminium	Front camera	✓
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Privacy camera	✓
HD type	2.5K	Privacy type	Privacy shutter
Panel type	IPS	Network	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	350 cd/m <sup>2</sup>	Antenna type	2x2
RGB colour space	sRGB	Ethernet LAN	✗
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	120 Hz	Bluetooth version	5.2
Contrast ratio (typical)	1200:1	WWAN	Not installed
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 9	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor generation	Intel® Core™ Ultra (Series 1)	HDMI ports quantity *	1
Processor model *	185H	HDMI version	2.1
Processor cores	16	Thunderbolt 4 ports quantity	1
Processor threads	22		
Processor boost frequency	5.1 GHz		
Performance cores	6		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient cores	8	Intel® Thunderbolt 4	✓
Low Power Efficient-cores	2	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	3.8 GHz	USB Sleep-and-Charge	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB Sleep-and-Charge ports	1
Performance-core base frequency	2.3 GHz	<b>Performance</b>	
Efficient-core base frequency	1.8 GHz	Motherboard chipset	Intel SoC
Low Power Efficient-core Base Frequency	1000 MHz	<b>Keyboard</b>	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Keyboard language	Belgian
Processor base power	45 W	Numeric keypad *	✓
Maximum turbo power	115 W	Keyboard backlit	✓
<b>Neural processor unit (NPU)</b>		<b>Software</b>	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Maximum frequency NPU	1.4 GHz	Operating system language	German, Dutch, English, French
Sparsity support	✓	Trial software	Office
Windows Studio effects support	✓	Operating system installed *	Windows 11 Home
AI datatype support on NPU	FP16, FP32, Int8	<b>Battery</b>	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery technology	Lithium Polymer (LiPo)
<b>Memory</b>		Battery capacity *	84 Wh
Internal memory *	32 GB	Battery life (max)	10 h
Internal memory type	LPDDR5x-SDRAM	Continuous video playback time	21.5 h
Memory clock speed	7467 MHz	Fast charging	✓
Memory form factor	On-board	<b>Power</b>	
Maximum internal memory *	32 GB	AC adapter power	100 W
Memory channels	Dual-channel	AC adapter frequency	50/60 Hz
<b>Storage</b>		AC adapter input voltage	100 - 240 V
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	<b>Security</b>	
Number of SSDs installed	1	Fingerprint reader	✗
SSD capacity	1 TB	Windows Hello	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Password protection type	BIOS, HDD, Supervisor, User
Optical drive type *	✗	<b>Operational conditions</b>	
Card reader integrated	✓	Operating temperature (T-T)	5 - 35 °C
Compatible memory cards	SD	Storage temperature (T-T)	5 - 43 °C
<b>Graphics</b>		Operating relative humidity (H-H)	8 - 95%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	5 - 95%
On-board graphics card *	✓	Maximum shipping altitude	3048 m
On-board GPU manufacturer	Intel	<b>Certificates</b>	
Discrete graphics card *	✗	Compliance certificates	RoHS
On-board graphics card family	Intel Arc Graphics	Certification	ENERGY STAR,EPEAT Gold,RoHS
On-board graphics card model *	Intel Arc Graphics	<b>Sustainability</b>	
<b>Audio</b>		Sustainability certificates	ENERGY STAR, EPEAT Gold
Audio chip	Realtek ALC3287	<b>Weight &amp; dimensions</b>	
Audio system	Dolby Atmos	Width	356 mm
Number of built-in speakers	2	Depth	251 mm
		Height	17.5 mm
		Weight *	1.91 kg

## Packaging content

AC adapter included \*





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