

Lenovo

Lenovo IdeaPad Pro 5 Intel Core Ultra 9 185H Laptop 40,6 cm (16") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grijs

Merk : Lenovo

Productfamilie: IdeaPad

Artikelcode: 83D4004YMB

Productnaam : Pro 5



- Intel Core Ultra 9 185H, 16C (6P + 8E + 2LPE)/22T, Max Turbo up to 5.1GHz, 24MB
- 16" 2.5K (2560x1600) IPS 350nits 100% sRGB 120Hz Eyesafe
- 32GB LPDDR5x-7467
- 1TB 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, 24MB, 32GB LPDDR5x-7467, 1TB 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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De slimme keuze voor meer kracht

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 ²	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		

Processor		Ports & interfaces	
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	Performance	
Efficient-core base frequency	1.8 GHz	Motherboard chipset	Intel SoC
Low Power Efficient-core Base Frequency	1000 MHz	Keyboard	
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	✓
Neural processor unit (NPU)		Software	
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	Battery	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery technology	Lithium Polymer (LiPo)
Memory		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	Power	
Maximum internal memory *	32 GB	AC adapter power	100 W
Memory channels	Dual-channel	AC adapter frequency	50/60 Hz
Storage		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	Security	
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 *	✗	Operational conditions	
Card reader integrated	✓	Operating temperature (T-T)	5 - 35 °C
Compatible memory cards	SD	Storage temperature (T-T)	5 - 43 °C
Graphics		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	Certificates	
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	Sustainability	
Audio		Sustainability certificates	ENERGY STAR, EPEAT Gold
Audio chip	Realtek ALC3287	Weight & dimensions	
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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