



Lenovo ThinkBook 16 G8 IAL Intel Core Ultra 5 225U Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : Lenovo

Product family: ThinkBook

Product code: 21SK0095US

Product name : ThinkBook 16 G8 IAL



- Intel Core Ultra 5 225U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache
- 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz
- 1x 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe
- Intel Graphics
- Windows 11 Pro

Intel Core Ultra 5 225U, 12C (2P + 8E + 2LPE)/14T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache, 1x 16GB SODIMM DDR5-5600, 512GB SSD M.2 2242 PCIe 4.0x4 NVMe, 16" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz, Intel Graphics, Wi-Fi 6E 802.11ax 2x2 + BT5.3, FHD 1080p with Privacy Shutter, Windows 11 Pro

[Lenovo ThinkBook 16 G8 IAL Intel Core Ultra 5 225U Laptop 40.6 cm \(16"\) WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E \(802.11ax\) Windows 11 Pro Grey:](#)

Built for the Bold — Unwavering Power, Performance & Reliability

- 16" sleek, modern business laptop with robust AI capabilities
- Optimized for responsive computing & multitasking with the power of Intel® Core™ Ultra processors
- Expansive storage, robust enterprise-level security features & long battery life

Design		Graphics	
Colour name	Arctic Grey	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Grey	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel® Graphics
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC)	On-board graphics card model *	Intel® Graphics
Display		Audio	
Display diagonal *	40.6 cm (16")	Audio chip	Realtek ALC3287
Display resolution *	1920 x 1200 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speaker power	2 W
HD type	WUXGA	Built-in microphone	✓
Panel type	IPS	Number of microphones	2
LED backlight	✓	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1920 x 1080 pixels
Display brightness	300 cd/m ²	Front camera HD type	Full HD
RGB colour space	NTSC	Privacy camera	✓
Colour gamut	45%	Privacy type	Privacy shutter
Maximum refresh rate	60 Hz	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 5	Mobile network connection *	✗
Processor generation	Intel Core Ultra (Series 2)	Antenna type	2x2
Processor model *	225U	Ethernet LAN	✓
Processor cores	12	Ethernet LAN data rates	100,1000 Mbit/s
Processor threads	14	Bluetooth	✓
Processor boost frequency	4.8 GHz	Bluetooth version	5.3

Processor		Network	
Performance cores	2	WWAN	Not installed
Efficient cores	8	Ports & interfaces	
Low Power Efficient-cores	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core Max Turbo Frequency	4.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient-core Max Turbo Frequency	3.8 GHz	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	HDMI ports quantity *	1
Performance-core base frequency	1.5 GHz	HDMI version	2.1
Efficient-core base frequency	1.3 GHz	Thunderbolt 4 ports quantity	1
Low Power Efficient-core Base Frequency	700 MHz	Intel® Thunderbolt 4	✓
Processor cache	12 MB	Combo headphone/mic port	✓
Processor base power	15 W	USB Sleep-and-Charge	✓
Maximum turbo power	57 W	Performance	
Neural processor unit (NPU)		Motherboard chipset	Intel SoC
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Sparsity support	✓	Pointing device	Touchpad
Windows Studio effects support	✓	Numeric keypad *	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard backlit	✓
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Trial software	Office
Memory clock speed	5600 MHz	Operating system installed *	Windows 11 Pro
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	1 x 16 GB	Battery capacity *	45 Wh
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	65 W
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Certificates	
Optical drive type *	✗	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	SD	Width	356 mm
Graphics		Depth	253.5 mm
Discrete graphics card model *	Not available	Height	17.5 mm
		Weight *	1.7 kg
		Packaging content	
		AC adapter included *	✓



0198157156067



198157156067

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.