



# Lenovo ThinkBook 14 G8 IAL Intel Core Ultra 5 135H Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

**Brand :** Lenovo

**Product family:** ThinkBook

**Product code:** 21SJ00E8US

**Product name :** ThinkBook 14 G8 IAL



- Intel Core Ultra 5 135H, 14C (4P + 8E + 2LPE)/18T, Max Turbo up to 4.6GHz, 18MB Intel Smart Cache
- 14" WUXGA (1920x1200) IPS 300nits 45% NTSC 60Hz
- 1x 16GB SODIMM DDR5-5600
- 512GB SSD M.2 2242 PCIe 4.0x4 NVMe
- Intel Arc Graphics Functions as Intel Graphics
- Windows 11 Pro

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Design		Camera	
Colour name	Arctic Grey	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Privacy camera	✓
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium, Polycarbonate (PC)	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	35.6 cm (14")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Antenna type	2x2
HD type	WUXGA	WLAN controller model	Intel Wi-Fi 6E AX211
Panel type	IPS	WLAN controller manufacturer	Intel
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	300 cd/m <sup>2</sup>	Bluetooth version	5.3
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 5	HDMI version	2.1
Processor model *	135H	Thunderbolt 4 ports quantity	1
Processor cores	14	Intel® Thunderbolt 4	✓
Memory		Combo headphone/mic port	✓
Internal memory *	16 GB	USB Sleep-and-Charge	✓
Internal memory type	DDR5-SDRAM		

<b>Memory</b>		<b>Performance</b>	
Memory clock speed	5600 MHz	Motherboard chipset	Intel SoC
Memory form factor	SO-DIMM	<b>Keyboard</b>	
Memory layout (slots x size)	1 x 16 GB	Pointing device	Touchpad
Memory slots	2x SO-DIMM	Numeric keypad *	✗
Maximum internal memory *	64 GB	Keyboard backlit	✓
<b>Storage</b>		<b>Software</b>	
Total storage capacity *	512 GB	Trial software	Office
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	512 GB	<b>Battery</b>	
Number of SSDs installed	1	Battery capacity *	45 Wh
SSD capacity	512 GB	<b>Power</b>	
SSD interface	PCI Express 4.0	AC adapter power	65 W
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	<b>Security</b>	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	SD	Cable lock slot type	Kensington
<b>Graphics</b>		Fingerprint reader	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board GPU manufacturer	Intel	<b>Certificates</b>	
Discrete graphics card *	✗	Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
On-board graphics card family	Intel Arc Graphics	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel Arc Graphics	Width	313.5 mm
<b>Audio</b>		Depth	224 mm
Audio chip	Realtek ALC3287	Height	17.5 mm
Number of built-in speakers	2	Weight *	1.36 kg
Speaker power	2 W	<b>Packaging content</b>	
Built-in microphone	✓	AC adapter included *	✓
Number of microphones	2		



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