

Product information



Information

Manufacturer	Lenovo
Part number	21SG00F4UK

Lenovo ThinkBook 14 G8 IRL - 14" - Intel Core i5 - 13420H - 16 GB RAM - 512 GB SSD - UK

Specifications

General

Product Type	Notebook - 180-degree hinge design
Operating System	Windows 11 Pro - English

Processor / Chipset

CPU	Intel Core i5 (13th Gen) 13420H / 2.1 GHz
Max Turbo Speed	4.6 GHz
Number of Cores	8-core
Performance Cores	4
Efficient Cores	4
Cache	12 MB
Features	Integrated memory controller

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	5200 MT/s
Rated Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Storage

Main Storage 512 GB SSD M.2 2242 PCIe 4.0 x4 - NVMe Express (NVMe)

Display

Type 14" - IPS
Resolution 1920 x 1200 (WUXGA)
V-Sync Rate at Max Res. 60 Hz
Widescreen Yes
Image Aspect Ratio 16:10
Image Brightness 300 cd/m²
Horizontal Viewing Angle +89 / -89
Vertical Viewing Angle +89 / -89
Colour Gamut 45% NTSC
Features Anti-glare, Low Blue Light technology

Audio & Video

Graphics Processor Intel Graphics
Max Monitors Supported 3 external monitor(s)
Video System Features DirectX 12.1
Camera Yes - 1080p
Camera Features Privacy shutter, Windows Hello, fixed focus, hybrid FHD/IR camera
Sound Stereo speakers, dual array microphone
Codec Realtek ALC3287
Compliant Standards High Definition Audio, Dolby Audio
Audio Features Input: smart noise-cancelling

Input

Type Keyboard, touchpad
Keyboard Backlight Yes
Keyboard Layout UK
Features Spill-resistant, multi-touch touchpad, buttonless touchpad, precision touchpad, Copilot key

Communications

Wireless 802.11a/b/g/n/ac/ax (Wi-Fi 6E), Bluetooth 5.3
Wireless Controller M.2 Card
Network Interface Gigabit Ethernet
Features Wake-on-LAN (WOL), dual stream (2x2)

Battery

Technology Lithium polymer

Capacity	45 Wh
Run Time	Up to 12.63 hours
Battery Run Time	Local video (1080p) playback time (150 nits): up to 12.63 hours
AC Adapter	
Input	AC 100-240 V (50/60 Hz)
Output	65 Watt
Connections & Expansion	
Slots	2 x M.2 (PCI Express 4.0 x4) (1 available)
Interfaces Details	USB 3.2 Gen 1 USB 3.2 Gen 1 (Always On) USB-C 3.2 Gen 2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery 3.0) USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery 3.0) HDMI (4K support) LAN Headphone/microphone combo jack
Memory Card Reader	Yes (SD Card)
Software	
Software Included	Microsoft Office (Trial)
Miscellaneous	
Colour	Dual tone arctic grey
Case Material	Aluminium (top), polycarbonate ABS (bottom)
Surface Finish	Anodising sandblasting
Security	Firmware Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	Administrator password, hard drive password, power-on password, MIL-STD-810H tested, Rapid Charge Pro, Modern Standby, self-healing BIOS
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	USB-C power adapter
Compliant Standards	RoHS, Energy-Related Products (ErP) Lot 6, Energy-Related Products (ErP) Lot 26, TUV Rheinland Low Blue Light (Software Solution)
Localization	Language: English / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller
Dimensions & Weight	
Dimensions (WxDxH)	31.35 cm x 22.4 cm x 1.75 cm
Weight	1.36 kg
Sustainability Information	
TCO Certified	- TCO Certified Notebooks 9, TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes



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Carbon Footprint 283 kg carbon emissions

Total CF/unit Standard Deviation (kg CO2e) 50

PAIA Version 1.4.3

Packaging Recycled Content Plastic-free

Manufacturer Warranty

Service & Support Limited warranty - 1 year - pick-up and return

Environmental Parameters

Min Operating Temperature 5 °C

Max Operating Temperature 35 °C

Humidity Range Operating 8 - 95%