



## Lenovo ThinkBook 16p G4 IRH + 3Y Onsite from 2Y Courier/Carry In PHP (CPN)

**Brand :** Lenovo

**Product family:** ThinkBook

**Product code:** 21J8001FMH-B1

**Product name :** ThinkBook 16p  
G4 IRH + 3Y Onsite from 2Y  
Courier/Carry In PHP (CPN)



- Windows 11 Pro  
- Intel Core i7-13700H (24MB Cache)  
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
- 16GB (5200MHz) DDR5-SDRAM (2 x 8) & 512GB SSD  
Intel Core i7-13700H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Pro + 3Y Onsite from 2Y Courier/Carry In PHP (CPN)  
Lenovo ThinkBook 16p G4 IRH + 3Y Onsite from 2Y Courier/Carry In PHP (CPN). Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700H. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Camera	
Colour name	Storm 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	Infrared (IR) camera	✓
Housing material	Aluminium	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	2560 x 1600 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✗
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.1
Display brightness	400 cd/m <sup>2</sup>	WWAN	Not installed
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1200:1	HDMI ports quantity *	1
High Dynamic Range (HDR) supported	✓	HDMI version	2.1
High Dynamic Range (HDR) technology	Dolby Vision	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	13th gen Intel® Core™ i7		
Processor model *	i7-13700H		

<b>Processor</b>		<b>Performance</b>	
Processor cores	14	Motherboard chipset	Intel SoC
Processor boost frequency	5 GHz	Ambient light sensor	✓
Performance cores	6	<b>Keyboard</b>	
Efficient cores	8	Pointing device	Touchpad
Performance-core Max Turbo Frequency	5 GHz	Numeric keypad *	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard backlit	✓
Processor cache	24 MB	Spill-resistant keyboard	✓
Processor cache type	Smart Cache	Keyboard layout	QWERTY
Processor base power	45 W	Keyboard language	English
Maximum turbo power	115 W	<b>Software</b>	
<b>Memory</b>		Operating system language	German, Dutch, English, French
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	<b>Battery</b>	
Memory clock speed	5200 MHz	Battery technology	Lithium Polymer (LiPo)
Memory form factor	SO-DIMM	Battery capacity *	80 Wh
Memory layout (slots x size)	2 x 8 GB	Battery life (max)	10.5 h
Memory slots	2x SO-DIMM	Continuous video playback time	18 h
Maximum internal memory *	32 GB	Fast charging	✓
Memory channels	Dual-channel	Fast charging time (50%)	30 min
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	512 GB	AC adapter power	230 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	SD	Password protection	✓
<b>Graphics</b>		Password protection type	Power on, Supervisor, HDD
Discrete GPU manufacturer	NVIDIA	<b>Operational conditions</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Operating temperature (T-T)	5 - 35 °C
Discrete graphics card memory	8 GB	Storage temperature (T-T)	5 - 43 °C
Discrete graphics memory type	GDDR6	Operating relative humidity (H-H)	8 - 95%
On-board graphics card *	✓	Storage relative humidity (H-H)	5 - 95%
On-board GPU manufacturer	Intel	Maximum shipping altitude	3048 m
Discrete graphics card *	✓	<b>Certificates</b>	
On-board graphics card model *	Intel Iris Xe Graphics	Compliance certificates	RoHS
<b>Audio</b>		Certification	FSC MIL-STD-810H Low-VOC
Audio chip	Realtek ALC3306-CG	<b>Sustainability</b>	
Audio system	Dolby Atmos	Sustainability certificates	TCO, ENERGY STAR, EPEAT Gold, ErP
Number of built-in speakers	4	<b>Weight &amp; dimensions</b>	
Speaker power	2 W	Width	354.6 mm
Built-in microphone	✓	Depth	255 mm
Number of microphones	2	Height	19.9 mm
		Weight *	2.2 kg

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