



MSI Thin 15 B13VE-2021UK Intel® Core™ i7 i7-13620H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Thin

Product code: THIN 15
B13VE-2021UK

Product name : Thin 15
B13VE-2021UK

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB (3200MHz) DDR4-SDRAM & 512GB SSD
Intel Core i7-13620H (24MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

[MSI Thin 15 B13VE-2021UK Intel® Core™ i7 i7-13620H Laptop 39.6 cm \(15.6"\) Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E \(802.11ax\) Windows 11 Home Black:](#)

Massive lightning crackles through the sky; soaring dragons emerge from the mountains, the vastness and wonders of gaming world awaits to be discovered, and the Thin 15 is the perfect companion for your journey! The iconic thin chassis now comes in brand new cosmos grey color and upgraded hardware. Harness the power and experience the gaming world freely, swiftly with Thin 15 !



Design		Audio	
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Speaker power	2 W
Form factor *	Clamshell	Camera	
Original brand name	MSI	Front camera	✓
Display		Front camera resolution	1280 x 720 pixels
Display diagonal *	39.6 cm (15.6")	Front camera HD type	HD
Display resolution *	1920 x 1080 pixels	Video capturing speed	30 fps
Touchscreen *	✗	Network	
HD type	Full HD	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	NTSC	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	45%	Mobile network connection *	✗
Maximum refresh rate	144 Hz	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel® Core™ i7	Bluetooth version	5.3
Processor generation	13th gen Intel® Core™ i7	Ports & interfaces	
Processor model *	i7-13620H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor cores	10	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	3
Processor threads	16	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.9 GHz	HDMI ports quantity *	1
Performance cores	6	Headphone outputs	1
Efficient cores	4	Microphone in	✓
Performance-core Max Turbo Frequency	4.9 GHz	Keyboard	
Efficient-core Max Turbo Frequency	3.6 GHz	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	45 W		

Processor		Keyboard	
Maximum turbo power	115 W	Keyboard backlit colour	Blue
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR4-SDRAM	Battery	
Memory clock speed	3200 MHz	Battery technology	Lithium Polymer (LiPo)
Memory slots	2x SO-DIMM	Number of battery cells	3
Maximum internal memory *	64 GB	Battery capacity *	52.4 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	120 W
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	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width	359 mm
Optical drive type *	✗	Depth	254 mm
Graphics		Height	21.7 mm
Discrete GPU manufacturer	NVIDIA	Weight *	1.86 kg
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Packaging data	
Discrete graphics card memory	6 GB	Package width	466 mm
Discrete graphics memory type	GDDR6	Package depth	88 mm
On-board graphics card *	✓	Package height	318 mm
On-board GPU manufacturer	Intel	Logistics data	
Discrete graphics card *	✓	Commodity Classification Automated Tracking System (CCATS)	8471300000
On-board graphics card family	Intel® UHD Graphics	Other features	
On-board graphics card model *	Intel® UHD Graphics	Warranty period	1 year(s)



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