



**MSI Thin 15 B13VE-1686IT Intel® Core™ i7 i7-13620H Computer portatile 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 Nero**

**Marchio :** MSI

**Famiglia del prodotto:** Thin

**Codice prodotto:** THIN 15  
B13VE-1686IT



**Nome del prodotto :** Thin 15  
B13VE-1686IT

MSI Thin 15 B13VE-1686IT. Tipo di prodotto: Computer portatile, Fattore di forma: Clamshell. Famiglia processore: Intel® Core™ i7, Modello del processore: i7-13620H. Dimensioni diagonale schermo: 39,6 cm (15.6"), Tipologia HD: Full HD, Risoluzione del display: 1920 x 1080 Pixel. RAM installata: 16 GB, Tipo di RAM: DDR4-SDRAM. Capacità totale di archiviazione: 512 GB, Supporto di memoria: SSD. Modello scheda grafica integrata: Intel® UHD Graphics, Scheda grafica dedicata: NVIDIA GeForce RTX 4050. Sistema operativo incluso: Windows 11 Home. Colore del prodotto: Nero



Design		Graphics	
Colour name	Cosmos Gray	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	Nahimic 3
Form factor *	Clamshell	Number of built-in speakers	2
Display		Speakers manufacturer	Nahimic
Display diagonal *	39.6 cm (15.6")	Speaker power	2 W
Display resolution *	1920 x 1080 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	Full HD	Front camera resolution	1280 x 720 pixels
Native aspect ratio	16:9	Front camera HD type	HD
Anti-glare screen	✓	Video capturing speed	30 fps
Display brightness	250 cd/m²	Network	
Maximum refresh rate	144 Hz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel® Core™ i7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor generation	13th gen Intel® Core™ i7	WLAN controller manufacturer	Intel
Processor model *	i7-13620H	Ethernet LAN	✓
Processor cores	10	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor threads	16	Bluetooth	✓
Processor boost frequency	4.9 GHz	Bluetooth version	5.3
Performance cores	6	Ports & interfaces	
Efficient cores	4	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Performance-core Max Turbo Frequency	4.9 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient-core Max Turbo Frequency	3.6 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	24 MB		
Processor cache type	Smart Cache		

Processor		Ports & interfaces	
Processor base power	45 W	HDMI ports quantity *	1
Maximum turbo power	115 W	Headphone outputs	1
Memory		Microphone in	✓
Internal memory *	16 GB	Keyboard	
Internal memory type	DDR4-SDRAM	Pointing device	Touchpad
Memory clock speed	3200 MHz	Numeric keypad *	✗
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	Blue
Maximum internal memory *	64 GB	Software	
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	512 GB	Bundled software	MSI System Control Manager MSI
Storage media *	SSD		BurnRecovery MSI Remind Manager
Total SSDs capacity	512 GB		MSI Battery Calibration MSI Help
Number of SSDs installed	1		Desk Norton Internet Security (trial 60days) Norton Studio (Metro)
SSD capacity	512 GB		(permanent free) Nvidia GeForce
SSD interface	PCI Express 4.0		Experience Microsoft Office 2016
NVMe	✓		(trial 30 days, 1 year per purchase)
SSD form factor	M.2		True Color 2.0 Nahimic 3 Dragon
Optical drive type *	✗		Center 2.0
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Number of battery cells	3
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Battery capacity *	52.4 Wh
Discrete graphics card memory	6 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	120 W
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card family	Intel® UHD Graphics	Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Weight & dimensions	
		Width	359 mm
		Depth	254 mm
		Height	21.7 mm
		Weight *	1.86 kg



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