



## MSI Thin 15 B12VE-1230FR Intel® Core™ i5 i5-12450H 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 Grey

**Brand :** MSI

**Article code:** THIN 15 B12VE-1230FR

**Product name :** Thin 15 B12VE-1230FR

MSI Thin 15 B12VE-1230FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12450H. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product color: Grey



Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Grey	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Audio	
Display		Audio system	Nahimic 3
Display diagonal *	39.6 cm (15.6")	Number of built-in speakers	2
Display resolution *	1920 x 1080 pixels	Speakers manufacturer	Nahimic
Touchscreen *	✗	Speaker power	2 W
HD type	Full HD	Camera	
Native aspect ratio	16:9	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1280 x 720 pixels
Maximum refresh rate	144 Hz	Front camera HD type	HD
Processor		Video capturing speed	30 fps
Processor manufacturer *	Intel	Network	
Processor family *	Intel® Core™ i5	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor generation	12th gen Intel® Core™ i5	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor model *	i5-12450H	Mobile network connection *	✗
Processor cores	8	WLAN controller model	Intel Wi-Fi 6E AX211
Processor boost frequency	4.4 GHz	WLAN controller manufacturer	Intel
Performance cores	4	Ethernet LAN	✓
Efficient cores	4	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance-core Max Turbo Frequency	4.4 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.3 GHz	Ports & interfaces	
Processor cache	12 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor cache type	Smart Cache	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor base power	45 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	95 W		

Memory		Ports & interfaces	
Internal memory *	16 GB	HDMI ports quantity *	1
Internal memory type	DDR4-SDRAM	Combo headphone/mic port	✓
Memory clock speed	3200 MHz	Performance	
Memory form factor	SO-DIMM	Repairability index	8.1
Memory layout (slots x size)	2 x 8 GB	Keyboard	
Memory slots	2x SO-DIMM	Pointing device	Touchpad
Maximum internal memory *	64 GB	Numeric keypad *	✗
Storage		Keyboard backlit	✓
Total storage capacity *	512 GB	Keyboard backlit colour	Blue
Storage media *	SSD	Software	
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1	Battery	
SSD capacity	512 GB	Number of battery cells	3
SSD interface	PCI Express 4.0	Battery capacity *	52.4 Wh
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	120 W
Optical drive type *	✗	Security	
Graphics		Cable lock slot	✓
Discrete GPU manufacturer	NVIDIA	Cable lock slot type	Kensington
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	6 GB	Trusted Platform Module (TPM) version	2.0
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width	359 mm
Discrete graphics card *	✓	Depth	254 mm
		Height	21.7 mm
		Weight *	1.86 kg



4711377161220

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 01-JAN-2025. Prints or copies of Information are only valid on the printed Publication date