



## MSI Thin 15 B12VE-1209FR Intel® Core™ i7 i7-12650H Laptop 39,6 cm (15.6") Full HD 32 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

**Brand :** MSI

**Article code:** THIN 15 B12VE-1209FR

**Product name :** Thin 15 B12VE-1209FR



MSI Thin 15 B12VE-1209FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12650H. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Pro. 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™ i7	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor generation	12th gen Intel® Core™ i7	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor model *	i7-12650H	Mobile network connection *	✗
Processor cores	10	WLAN controller model	Intel Wi-Fi 6E AX211
Processor boost frequency	4.7 GHz	WLAN controller manufacturer	Intel
Performance cores	6	Ethernet LAN	✓
Efficient cores	4	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance-core Max Turbo Frequency	4.7 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.5 GHz	Bluetooth version	5.3
Processor cache	24 MB	Ports & interfaces	
Processor cache type	Smart Cache	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor base power	45 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Maximum turbo power	115 W		

Memory		Ports & interfaces	
Internal memory *	32 GB	Ethernet LAN (RJ-45) ports	1
Internal memory type	DDR4-SDRAM	HDMI ports quantity *	1
Memory clock speed	3200 MHz	Combo headphone/mic port	✓
Memory form factor	SO-DIMM	Performance	
Memory layout (slots x size)	2 x 16 GB	Repairability index	8.1
Memory slots	2x SO-DIMM	Keyboard	
Maximum internal memory *	64 GB	Pointing device	Touchpad
Storage		Numeric keypad *	✗
Total storage capacity *	1 TB	Keyboard backlit	✓
Storage media *	SSD	Keyboard backlit colour	Blue
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	1 TB	Battery	
SSD interface	PCI Express 4.0	Number of battery cells	3
NVMe	✓	Battery capacity *	52.4 Wh
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	120 W
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Cable lock slot type	Kensington
Discrete graphics card memory	6 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card *	✓	Width	359 mm
		Depth	254 mm
		Height	21.7 mm
		Weight *	1.86 kg



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