



## MSI Pulse 17 B13VFK-042FR Intel® Core™ i5 i5-13500H Laptop 43,9 cm (17.3") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey

**Brand :** MSI

**Product family:** Pulse

**Article code:** PULSE 17  
B13VFK-042FR

**Product name :** Pulse 17  
B13VFK-042FR

MSI Pulse 17 B13VFK-042FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13500H. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 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 Home. Product color: Grey



Design		Audio	
Colour name	Titanium Gray	Number of built-in speakers	2
Product type *	Laptop	Speaker power	2 W
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera HD type	HD
Display		Video capturing speed	30 fps
Display diagonal *	43.9 cm (17.3")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	Full HD	Mobile network connection *	✗
Native aspect ratio	16:9	WLAN controller model	Intel Wi-Fi 6 AX201
Anti-glare screen	✓	WLAN controller manufacturer	Intel
RGB colour space	NTSC	Ethernet LAN	✓
Colour gamut	45%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	144 Hz	Bluetooth	✓
Processor		Bluetooth version	5.2
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i5	USB 2.0 ports quantity *	1
Processor generation	13th gen Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	i5-13500H	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor cores	12	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.7 GHz	HDMI ports quantity *	1
Efficient-core boost frequency	3.5 GHz	HDMI version	2.1
Processor cache	18 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Configurable TDP-down	35 W		
Processor base power	45 W		
Maximum turbo power	95 W		

Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	5200 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit zone	4-zone RGB
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home
Storage		Processor special features	
Total storage capacity *	512 GB	Intel Flex Memory Access	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Total SSDs capacity	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	Execute Disable Bit	✓
SSD capacity	512 GB	CPU configuration (max)	1
SSD interface	PCI Express	Embedded options available	✗
NVMe	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Number of battery cells	4
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Battery capacity *	90 Wh
Discrete graphics card memory	8 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	240 W
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	398 mm
Discrete graphics card *	✓	Depth	273 mm
On-board graphics card family	Intel Iris Xe Graphics	Height	27.2 mm
On-board graphics card model *	Intel Iris Xe Graphics	Weight *	2.7 kg



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