



MSI Pulse 15 B13VFK-295UK Intel® Core™ i7 i7-13700H Laptop 39.6 cm (15.6") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Advanced Grey

Brand : MSI

Product family: Pulse

Product code: PULSE 15
B13VFK-295UK



Product name : 15
B13VFK-295UK

- Windows 11 Home Advanced
- Intel Core i7-13700H (24MB Cache)
- 39.6 cm (15.6") Quad HD 2560 x 1440, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5200MHz) DDR5-SDRAM & 1000GB SSD
Intel Core i7-13700H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Quad HD 2560 x 1440, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Home Advanced
MSI Pulse 15 B13VFK-295UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700H. Display diagonal: 39.6 cm (15.6"), HD type: Quad HD, Display resolution: 2560 x 1440 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, 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 Advanced. Product colour: Grey



Design		Network	
Colour name	Titanium Gray	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 6 AX201
Display		WLAN controller manufacturer	Intel
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	2560 x 1440 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Quad HD	Bluetooth version	5.2
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 2.0 ports quantity *	1
Maximum refresh rate	165 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	HDMI ports quantity *	1
Processor generation	13th gen Intel® Core™ i7	Combo headphone/mic port	✓
Processor model *	i7-13700H	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	14	Performance	
Processor boost frequency	5 GHz	Motherboard chipset	Intel SoC
Efficient-core boost frequency	3.7 GHz	Keyboard	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✓
Configurable TDP-down	35 W	Keyboard backlit	✓
Processor base power	45 W	Keyboard backlit colour	RGB
Maximum turbo power	115 W	Keyboard backlit zone	4-zone RGB
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

Memory		Software	
Memory clock speed	5200 MHz	Operating system installed *	Windows 11 Home Advanced
Memory layout (slots x size)	2 x 8 GB	Processor special features	
Maximum internal memory *	64 GB	Intel Flex Memory Access	✓
Storage		Intel Trusted Execution Technology	✓
Total storage capacity *	1 TB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage media *	SSD	Execute Disable Bit	✓
Total SSDs capacity	1 TB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express 4.0	Intel Virtualization Technology (VT-x)	✓
NVMe	✓	Battery	
Optical drive type *	✗	Battery technology	Lithium Polymer (LiPo)
Graphics		Number of battery cells	4
Discrete GPU manufacturer	NVIDIA	Battery capacity *	90 Wh
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Power	
Discrete graphics card memory	8 GB	AC adapter power	240 W
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✓	Width	359 mm
On-board GPU manufacturer	Intel	Depth	259 mm
Discrete graphics card *	✓	Height	26.9 mm
On-board graphics card family	Intel Iris Xe Graphics	Weight *	2.47 kg
On-board graphics card model *	Intel Iris Xe Graphics	Packaging data	
Audio		Package width	489 mm
Number of built-in speakers	2	Package depth	93 mm
Speaker power	2 W	Package height	315 mm
Camera		Package weight	0.4 g
Front camera	✓	Package volume	13392 cm ³
Front camera HD type	HD		
Video capturing speed	30 fps		



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