



**MSI Pulse 15 B13VGK-1416UK Intel® Core™ i9 i9-13900H Laptop
39.6 cm (15.6") Quad HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA
GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey**

Brand : MSI

Product family: Pulse

Product code: PULSE 15
B13VGK-1416UK



Product name : Pulse 15
B13VGK-1416UK

- Windows 11 Home
 - Intel Core i9-13900H (24MB Cache)
 - 39.6 cm (15.6") Quad HD 2560 x 1440, NVIDIA GeForce RTX 4070 (8GB GDDR6)
 - 16GB (5200MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
- Intel Core i9-13900H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Quad HD 2560 x 1440, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home

MSI Pulse 15 B13VGK-1416UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-13900H. 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 4070. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Titanium Gray	On-board graphics card *	✓
Product type *	Laptop	Discrete graphics card *	✓
Product colour *	Grey	On-board graphics card family	Intel Iris Xe Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel Iris Xe Graphics
Display		Audio	
Display diagonal *	39.6 cm (15.6")	Number of built-in speakers	2
Display resolution *	2560 x 1440 pixels	Speaker power	2 W
Touchscreen *	✗	Camera	
HD type	Quad HD	Front camera	✓
Anti-glare screen	✓	Front camera HD type	HD
RGB colour space	DCI-P3	Video capturing speed	30 fps
Colour gamut	100%	Network	
Maximum refresh rate	165 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™ i9	WLAN controller model	Intel Wi-Fi 6E AX210
Processor generation	13th gen Intel® Core™ i9	WLAN controller manufacturer	Intel
Processor model *	i9-13900H	Bluetooth	✓
Processor cores	14	Bluetooth version	5.2
Processor boost frequency	5.4 GHz	Ports & interfaces	
Performance cores	6	USB 2.0 ports quantity *	1
Efficient cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core Max Turbo Frequency	5.4 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Efficient-core Max Turbo Frequency	4.1 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	45 W		

Processor		Ports & interfaces	
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory clock speed	5200 MHz	Keyboard backlit	✓
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit colour	RGB
Maximum internal memory *	64 GB	Keyboard backlit zone	4-zone RGB
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium Polymer (LiPo)
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	1 TB	Battery capacity *	90 Wh
Optical drive type *	✗	Power	
Graphics		AC adapter power	240 W
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Width	359 mm
Discrete graphics card memory	8 GB	Depth	259 mm
Discrete graphics memory type	GDDR6	Height	26.9 mm
		Weight *	2.3 kg



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