



MSI Prestige 16 AI Studio B1VGG-047FR Intel Core Ultra 9 185H Laptop 40,6 cm (16") Quad HD+ 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : MSI

Product family: Prestige

Article code: PRESTIGE 16 AI STUDIO B1VGG-047FR

Product name : Prestige 16 AI Studio B1VGG-047FR

MSI Prestige 16 AI Studio B1VGG-047FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H, Processor frequency: 2,3 GHz. Display diagonal: 40,6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product color: Grey



Design		Audio	
Colour name	Stellar Gray	Number of built-in speakers	2
Product type *	Laptop	Speaker power	2 W
Product colour *	Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Original brand name	MSI	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Video capturing speed	30 fps
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Network	
HD type	Quad HD+	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 7 (802.11be)
Anti-glare screen	✓	Mobile network connection *	✗
RGB colour space	DCI-P3	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	60 Hz	Bluetooth	✓
Processor		Bluetooth version	5.4
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 9	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor model *	185H	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor frequency *	2.3 GHz	Ethernet LAN (RJ-45) ports	1
Memory		HDMI ports quantity *	1
Internal memory *	32 GB	HDMI version	2.1
Internal memory type	LPDDR5-SDRAM	Thunderbolt 4 ports quantity	1
Memory clock speed	6400 MHz	Intel® Thunderbolt 4	✓
Maximum internal memory *	32 GB	Combo headphone/mic port	✓
Storage			
Total storage capacity *	1 TB		

Storage		Ports & interfaces	
Storage media *	SSD	USB Type-C DisplayPort Alternate Mode	✓
Total SSDs capacity	1 TB	Performance	
Number of SSDs installed	1	Repairability index	8.1
SSD capacity	1 TB	Keyboard	
SSD interface	PCI Express 4.0	Pointing device	Touchpad
NVMe	✓	Numeric keypad *	✓
Optical drive type *	✗	Keyboard backlit	✓
Card reader integrated	✓	Keyboard backlit colour	White
Compatible memory cards	SD	Software	
Graphics		Operating system installed *	Windows 11 Pro
Discrete GPU manufacturer	NVIDIA	Battery	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Number of battery cells	4
Discrete graphics card memory	8 GB	Battery capacity *	99.9 Wh
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	140 W
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	Intel Arc Graphics	Width	358.4 mm
On-board graphics card model *	Intel Arc Graphics	Depth	254.4 mm
		Height (front)	1.69 cm
		Height (rear)	1.9 cm
		Weight *	1.6 kg



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