



## MSI Summit E16 AI Studio A1VETG-002UK Intel Core Ultra 7 155H Hybrid (2-in-1) 40.6 cm (16") Touchscreen Quad HD+ 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 7 (802.11be) Windows 11 Pro Black

**Brand :** MSI

**Product family:** Summit

**Product code:** SUMMIT E16 AI STUDIO A1VETG-002UK

**Product name :** Summit E16 AI Studio A1VETG-002UK

- Windows 11 Pro  
- Intel Core Ultra 7 155H (1.4GHz)  
- 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, NVIDIA GeForce RTX 4050 (6GB GDDR6)  
- 32GB (6400MHz) LPDDR5-SDRAM & 1000GB SSD  
Intel Core Ultra 7 155H (1.4GHz), 32GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, Intel Arc Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Pro

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Experience the productivity brought by AI. The new Summit E16 AI Studio A1V comes with the latest Intel® Evo™ Edition platform, powered by Intel® Core™ Ultra processor (Series 1) and validated by NVIDIA Studio, increasing productivity to the next stage. Combined with a versatile design and support MSI Pen 2, enjoy optimal productivity anytime, anywhere.



Design		Camera	
Product type *	Hybrid (2-in-1)	Front camera	✓
Product colour *	Black	Front camera resolution	1280 x 720 pixels
Form factor *	Convertible (Folder)	Front camera HD type	HD
Country of origin	China	Video capturing speed	30 fps
Display		Infrared (IR) camera	✓
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	2560 x 1600 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
HD type	Quad HD+	Mobile network connection *	✗
Native aspect ratio	16:10	Ethernet LAN	✗
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.4
Maximum refresh rate	165 Hz	Ports & interfaces	
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor model *	155H	HDMI version	2.1
Processor frequency *	1.4 GHz	Thunderbolt 4 ports quantity	1
Memory		Intel® Thunderbolt 4	✓
Internal memory *	32 GB	Combo headphone/mic port	✓
Internal memory type	LPDDR5-SDRAM	Performance	
Memory clock speed	6400 MHz	Motherboard chipset	Intel SoC
Memory form factor	On-board	Keyboard	
Maximum internal memory *	32 GB	Pointing device	Touchpad
Storage			
Total storage capacity *	1 TB		
Storage media *	SSD		

Storage		Keyboard	
Total SSDs capacity	1 TB	Numeric keypad *	✓
Number of SSDs installed	1	Keyboard backlit	✓
SSD capacity	1 TB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Pro
NVMe	✓	Battery	
SSD form factor	M.2	Battery technology	Lithium Polymer (LiPo)
Optical drive type *	✗	Number of battery cells	4
Card reader integrated	✓	Battery capacity *	80.25 Wh
Compatible memory cards	MicroSD (TransFlash)	Power	
Graphics		AC adapter power	100 W
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Width	358 mm
Discrete graphics card memory	6 GB	Depth	258.6 mm
Discrete graphics memory type	GDDR6	Height	300 mm
On-board graphics card *	✓	Height (front)	1.69 cm
Discrete graphics card *	✓	Height (rear)	1.74 cm
On-board graphics card family	Intel Arc Graphics	Weight *	2.1 kg
On-board graphics card model *	Intel Arc Graphics	Packaging data	
Audio		Package width	499 mm
Audio system	DTS Audio Processing	Package depth	88 mm
Number of built-in speakers	2	Package height	333 mm
Speaker power	2 W	Package weight	3 kg
		Package volume	89100 cm <sup>3</sup>
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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