



**MSI Summit E16 AI Studio A1VFTG-001UK Intel Core Ultra 7 155H Hybrid (2-in-1) 40.6 cm (16") Touchscreen Quad HD+ 32 GB LPDDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Pro Black**

**Brand :** MSI

**Product family:** Summit

**Product code:** SUMMIT E16 AI STUDIO A1VFTG-001UK

**Product name :** Summit E16 AI Studio A1VFTG-001UK



- Windows 11 Pro
- Intel Core Ultra 7 155H (24MB Cache)
- 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (6400MHz) LPDDR5-SDRAM & 2000GB SSD
- Intel Core Ultra 7 155H (24MB Cache), 32GB LPDDR5-SDRAM, 2000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Pro

[MSI Summit E16 AI Studio A1VFTG-001UK Intel Core Ultra 7 155H Hybrid \(2-in-1\) 40.6 cm \(16"\) Touchscreen Quad HD+ 32 GB LPDDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 \(802.11be\) Windows 11 Pro Black:](#)

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		Graphics	
Product type *	Hybrid (2-in-1)	Discrete graphics card *	✓
Product colour *	Black	On-board graphics card family	Intel Arc Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel Arc Graphics
Country of origin	China	<b>Audio</b>	
<b>Display</b>		Audio system	DTS Audio Processing
Display diagonal *	40.6 cm (16")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Speaker power	2 W
Touchscreen *	✓	<b>Camera</b>	
HD type	Quad HD+	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1280 x 720 pixels
RGB colour space	DCI-P3	Front camera HD type	HD
Colour gamut	100%	Video capturing speed	30 fps
Maximum refresh rate	165 Hz	Infrared (IR) camera	✓
<b>Processor</b>		<b>Network</b>	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 7	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor model *	155H	Mobile network connection *	✗
Processor cores	16	Ethernet LAN	✗
Processor boost frequency	4.8 GHz	Bluetooth	✓
Performance cores	6	Bluetooth version	5.4
Efficient cores	8	<b>Ports &amp; interfaces</b>	
Performance-core Max Turbo Frequency	1.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient-core Max Turbo Frequency	3.8 GHz	HDMI ports quantity *	1
Performance-core base frequency	4.8 GHz	HDMI version	2.1
Efficient-core base frequency	0.9 GHz	Thunderbolt 4 ports quantity	2
Processor cache	24 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor base power	28 W	Combo headphone/mic port	✓
Maximum turbo power	115 W	<b>Performance</b>	
<b>Memory</b>		Motherboard chipset	Intel SoC
Internal memory *	32 GB	<b>Keyboard</b>	
Internal memory type	LPDDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	6400 MHz	Numeric keypad *	✓
Memory form factor	On-board	Keyboard backlit	✓
Maximum internal memory *	32 GB	<b>Software</b>	
<b>Storage</b>		Operating system installed *	Windows 11 Pro
Total storage capacity *	2 TB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium Polymer (LiPo)
Total SSDs capacity	2 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	80.25 Wh
SSD capacity	2 TB	<b>Power</b>	
SSD interface	PCI Express 4.0	AC adapter power	100 W
NVMe	✓	<b>Weight &amp; dimensions</b>	
SSD form factor	M.2	Width	358 mm
Optical drive type *	✗	Depth	258.6 mm
Card reader integrated	✓	Height	300 mm
Compatible memory cards	MicroSD (TransFlash)	Height (front)	1.69 cm
<b>Graphics</b>		Height (rear)	1.74 cm
Discrete GPU manufacturer	NVIDIA	Weight *	2.1 kg
Discrete graphics card model *	NVIDIA GeForce RTX 4060	<b>Packaging data</b>	
Discrete graphics card memory	8 GB	Package width	499 mm
Discrete graphics memory type	GDDR6	Package depth	88 mm
On-board graphics card *	✓	Package height	333 mm
		Package weight	3 kg
		Package volume	89100 cm <sup>3</sup>
		<b>Logistics data</b>	
		Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date