



## MSI Summit E16 AI Evo A1MTG-002UK Intel Core Ultra 7 Hybrid (2-in-1) 40.6 cm (16") Touchscreen Quad HD+ 32 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

**Brand :** MSI

**Product code:** SUMMIT E16 AI EVO  
A1MTG-002UK

**Product name :** Summit E16 AI Evo A1MTG-002UK

- Windows 11 Pro  
- Intel Core Ultra 7 155H (24MB Cache)  
- 40.6 cm (16") Quad HD+ 2560 x 1600 Touch  
- 32GB (6400MHz) LPDDR5-SDRAM & 1000GB SSD  
Intel Core Ultra 7 155H (24MB Cache), 32GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, Intel Arc Graphics, WLAN, Webcam, Windows 11 Pro  
MSI Summit E16 AI Evo A1MTG-002UK. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder).  
Processor family: Intel Core Ultra 7. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. 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 colour: Black. Weight: 2.1 kg



Design		Graphics	
Colour name	Ink Black	On-board graphics card family	Intel Arc Graphics
Product type *	Hybrid (2-in-1)	On-board graphics card model *	Intel Arc Graphics
Product colour *	Black	<b>Audio</b>	
Form factor *	Convertible (Folder)	Audio system	Nahimic 3D
Display		Number of built-in speakers	2
Display diagonal *	40.6 cm (16")	Speaker power	2 W
Display resolution *	2560 x 1600 pixels	<b>Camera</b>	
Touchscreen *	✓	Front camera	✓
HD type	Quad HD+	Front camera resolution	1920 x 1080 pixels
Native aspect ratio	16:10	Front camera HD type	Full HD
RGB colour space	DCI-P3	Video capturing speed	30 fps
Colour gamut	100%	Infrared (IR) camera	✓
Maximum refresh rate	165 Hz	Privacy type	Privacy shutter
Processor		<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 generation	Intel® Core™ Ultra (Series 1)	Mobile network connection *	✗
Processor cores	16	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor threads	22	WLAN controller manufacturer	Killer
Processor boost frequency	4.8 GHz	Ethernet LAN	✗
Performance cores	6	Bluetooth	✓
Efficient cores	8	Bluetooth version	5.4
Low Power Efficient-cores	2	<b>Ports &amp; interfaces</b>	
Performance-core Max Turbo Frequency	4.8 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
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	HDMI version	2.1

Processor		Ports & interfaces	
Performance-core base frequency	1.4 GHz	Thunderbolt 4 ports quantity	2
Efficient-core base frequency	0.9 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Base Frequency	700 MHz	Combo headphone/mic port	✓
Processor cache	24 MB	Charging port type	DC-in jack
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	28 W	Performance	
Maximum turbo power	115 W	Motherboard chipset	Intel SoC
Neural processor unit (NPU)		Ambient light sensor	✓
Neural processor unit (NPU)	Intel AI Boost	Accelerometer	✓
Maximum frequency NPU	1.4 GHz	Proximity sensor	✓
Sparsity support	✓	Gyroscope	✓
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	LPDDR5-SDRAM	Keyboard backlit colour	White
Memory clock speed	6400 MHz	Software	
Memory form factor	On-board	Operating system installed *	Windows 11 Pro
Maximum internal memory *	32 GB	Battery	
Memory channels	Dual-channel	Battery technology	Lithium Polymer (LiPo)
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	80.25 Wh
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	100 W
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	358 mm
Card reader integrated	✓	Depth	258.6 mm
Compatible memory cards	MicroSD (TransFlash)	Height (front)	1.69 cm
Graphics		Height (rear)	1.74 cm
Discrete graphics card model *	Not available	Weight *	2.1 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	Intel	Package width	499 mm
Discrete graphics card *	✗	Package depth	88 mm
		Package height	333 mm
		Other features	
		Warranty period	1 year(s)



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