



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	Audio	
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	Camera	
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		Network	
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	Ports & interfaces	
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
Performance-core base frequency	1.4 GHz		

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



4711377182270

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 29-OCT-2024. Prints or copies of Information are only valid on the printed Publication date