



**MSI Summit E16 AI Evo A1MTG 019US Intel Core Ultra 5 125H Hybrid (2-in-1) 40.6 cm (16") Touchscreen Quad HD+ 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black**

**Brand :** MSI

**Product family:** Summit

**Product code:** SUMMIT E16 AI  
EVO A1MTG-019US



**Product name :** Summit E16 AI  
Evo A1MTG 019US

- Windows 11 Home
- Intel Core Ultra 5 125H (18MB Cache)
- 40.6 cm (16") Quad HD+ 2560 x 1600 Touch
- 16GB (6400MHz) LPDDR5-SDRAM & 512GB SSD

Intel Core Ultra 5 125H (18MB Cache), 16GB LPDDR5-SDRAM, 512GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 Touch, Intel Arc Graphics, WLAN, Webcam, Windows 11 Home

MSI Summit E16 AI Evo A1MTG 019US. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder).

Processor family: Intel Core Ultra 5, Processor model: 125H. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design		Graphics	
Colour name	Ink Black	Discrete graphics card model *	Not available
Product type *	Hybrid (2-in-1)	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Convertible (Folder)	Discrete graphics card *	✗
Display		On-board graphics card family	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	On-board graphics card model *	Intel Arc Graphics
Display resolution *	2560 x 1600 pixels	Audio	
Touchscreen *	✓	Audio system	Nahimic 3D
HD type	Quad HD+	Number of built-in speakers	2
Native aspect ratio	16:10	Speaker power	2 W
RGB colour space	DCI-P3	Built-in microphone	✓
Colour gamut	100%	Number of microphones	3
Maximum refresh rate	165 Hz	Camera	
Processor		Front camera	✓
Processor manufacturer *	Intel	Front camera resolution	1920 x 1080 pixels
Processor family *	Intel Core Ultra 5	Front camera HD type	Full HD
Processor generation	Intel® Core™ Ultra (Series 1)	Video capturing speed	30 fps
Processor model *	125H	Infrared (IR) camera	✓
Processor cores	14	Privacy type	Privacy shutter
Processor threads	18	Network	
Processor boost frequency	4.5 GHz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Performance cores	4	Wi-Fi standards	Wi-Fi 7 (802.11be)
Efficient cores	8	Mobile network connection *	✗
Low Power Efficient-cores	2	Ethernet LAN	✗
Performance-core Max Turbo Frequency	4.5 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Bluetooth version	5.4

Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Performance-core base frequency	1.2 GHz	HDMI ports quantity *	1
Efficient-core base frequency	0.7 GHz	HDMI version	2.1
Low Power Efficient-core Base Frequency	700 MHz	Thunderbolt 4 ports quantity	2
Processor cache	18 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	28 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	115 W	Performance	
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 *	16 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 Home
Maximum internal memory *	16 GB	Battery	
Storage		Number of battery cells	4
Total storage capacity *	512 GB	Battery capacity *	82 Wh
Storage media *	SSD	Power	
Total SSDs capacity	512 GB	AC adapter power	100 W
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	512 GB	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
		Height (front)	1.69 cm
		Height (rear)	1.74 cm
		Weight *	2.1 kg



0824142354261



824142354261

### Catalog Object Cloud



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.