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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 Product type * Product colour * Form factor *	Ink Black Hybrid (2-in-1) Black Convertible (Folder)	Discrete graphics card model * On-board graphics card * On-board GPU manufacturer	Not available ✓ Intel
		Discrete graphics card *	× Intel Arc Graphics
Display		On-board graphics card family On-board graphics card model *	Intel Arc Graphics
Display diagonal * Display resolution *	40.6 cm (16") 2560 x 1600 pixels		
Touchscreen *	2500 x 1000 pixels	Audio	
HD type Native aspect ratio RGB colour space Colour gamut	Quad HD+ 16:10 DCI-P3 100% 165 Hz	Audio system Number of built-in speakers Speaker power Built-in microphone Number of microphones	Nahimic 3D 2 2 W ✓ 3
Maximum refresh rate	105 HZ	Camera	
Processor Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads	Intel Intel Core Ultra 5 Intel® Core™ Ultra (Series 1) 125H 14 18	Front camera Front camera resolution Front camera HD type Video capturing speed Infrared (IR) camera Privacy type	✓ 1920 x 1080 pixels Full HD 30 fps ✓ Privacy shutter
Processor boost frequency	4.5 GHz	Network	
Performance cores Efficient cores Low Power Efficient-cores Performance-core Max Turbo	4 8 2 4.5 GHz	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Ethernet LAN	Wi-Fi 7 (802.11be) Wi-Fi 7 (802.11be) × ×
Frequency Efficient-core Max Turbo Frequency	3.6 GHz	Bluetooth 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	700 MHz	Thunderbolt 4 ports quantity	2
Frequency		Intel [®] Thunderbolt 4	1
Processor cache Processor cache type	18 MB Smart Cache	Combo headphone/mic port	1
Processor base power	28 W	USB Type-C DisplayPort Alternate	1
Maximum turbo power	115 W	Mode	
Neural processor unit (NPU)		Performance	
• • •		Ambient light sensor	1
Neural processor unit (NPU) Maximum frequency NPU	Intel Al Boost 1.4 GHz	Accelerometer	1
Sparsity support		Proximity sensor	1
Windows Studio effects support		Gyroscope	1
Al software frameworks supported	• DirectML, ONNX RT, OpenVINO,	Keyboard	
by NPU	Windows ML	Pointing device	Touchpad
Memory		Numeric keypad *	1
Internal memory *	16 GB	Keyboard backlit	1
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		
Storage		Battery	
Total storage capacity *	512 GB	Number of battery cells	4 82 Wh
Storage media *	SSD	Battery capacity * _	62 WII
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1 512 GB	AC adapter power	100 W
SSD capacity SSD interface	PCI Express 4.0	DC-in jack	1
NVMe		Security	
SSD form factor	M.2	Fingerprint reader	1
Optical drive type *	×	Trusted Platform Module (TPM)	1
Card reader integrated	1	Trusted Platform Module (TPM)	2.0
Compatible memory cards	MicroSD (TransFlash)	version	
. 2	,	Weight & dimensions	
		Width	358 mm
		Dauth	250 6

Depth

Height (front)

Height (rear)

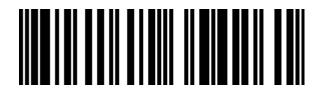
Weight *

258.6 mm

1.69 cm

1.74 cm

2.1 kg





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Catalog Object Cloud



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