



MSI Venture A16 AI+ A3HMG-036DE Copilot+ PC AMD Ryzen™ AI 5 340 Laptop 40.6 cm (16") 2K 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : MSI

Product family: Venture

Product code: VENTURE A16
AI+ A3HMG-036DE

Product name : Venture A16
AI+ A3HMG-036DE

- Windows 11 Home
- AMD Ryzen AI 5 340 (2GHz)
- 40.6 cm (16") 2K 2048 x 1280 OLED

- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD

AMD Ryzen AI 5 340 (2GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") 2K 2048 x 1280 OLED, AMD Radeon 840M, LAN, WLAN, Webcam, Windows 11 Home

MSI Venture A16 AI+ A3HMG-036DE. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 340, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: 2K, Display resolution: 2048 x 1280 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 840M. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Audio	
Colour name	Solid Gray	Number of built-in speakers	2
Product type *	Laptop	Speaker power	2 W
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	3
Original brand name	MSI	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera resolution	1280 x 720 pixels
Display resolution *	2048 x 1280 pixels	Front camera HD type	HD
Touchscreen *	✗	Video capturing speed	30 fps
HD type	2K	Infrared (IR) camera	✓
Panel type	OLED	Privacy camera	✓
Native aspect ratio	16:10	Privacy type	Privacy shutter
Anti-glare screen	✓	Network	
Display diagonal (metric)	40.7 cm	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Mobile network connection *	✗
Maximum refresh rate	120 Hz	WLAN controller model	AMD RZ616
High Dynamic Range (HDR) supported	✓	WLAN controller manufacturer	AMD
High Dynamic Range (HDR) technology	DisplayHDR True Black 600	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	AMD	Bluetooth	✓
Processor family *	AMD Ryzen™ AI 5	Bluetooth version	5.3
Processor generation	AMD Ryzen AI 300 Series	Ports & interfaces	
Processor model *	340	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	6	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor threads	12		

Processor		Ports & interfaces	
Processor boost frequency	4.8 GHz	Ethernet LAN (RJ-45) ports	1
Processor frequency *	2 GHz	HDMI ports quantity *	1
Processor cache type	L2 & L3	HDMI version	2.1
L3 cache	16 MB	Combo headphone/mic port	✓
L2 cache	6 MB		
Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Pointing device	Touchpad
Neural processor unit (NPU)	AMD Ryzen AI	Numeric keypad *	✓
Total processor performance up to	59 TOPs	Keyboard backlit	✓
NPU performance up to	50 TOPs	Keyboard backlit colour	White
		Keyboard number of keys	99
Memory		Copilot key	✓
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	5600 MHz		
Memory layout (slots x size)	2 x 8 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	96 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	75 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	90 W
Storage media *	SSD	AC adapter input voltage	90 - 264 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB		
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Weight & dimensions	
On-board graphics card *	✓	Width	359 mm
On-board GPU manufacturer	AMD	Depth	245 mm
Discrete graphics card *	✗	Height	23.2 mm
On-board graphics card family	AMD Radeon	Weight *	1.9 kg
On-board graphics card model *	AMD Radeon 840M	Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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Catalog Object Cloud



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