



**MSI VenturePro 17 AI A1VEG-020BE Intel Core Ultra 7 155H
Netbook 43.2 cm (17") Full HD 32 GB DDR5-SDRAM 512 GB SSD
NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home
Grey**

Brand : MSI

Product family: VenturePro

Product code: VENTUREPRO
17 AI A1VEG-020BE

Product name : VenturePro 17
AI A1VEG-020BE

- Windows 11 Home
- Intel Core Ultra 7 155H (24MB Cache)
- 43.2 cm (17") Full HD 1920 x 1080 IPS-Level, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 512GB SSD
Intel Core Ultra 7 155H (24MB Cache), 32GB DDR5-SDRAM, 512GB SSD, 43.2 cm (17") Full HD 1920 x 1080 IPS-Level, Intel Arc Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI VenturePro 17 AI A1VEG-020BE. Product type: Netbook, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 43.2 cm (17"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Solid Gray	Discrete graphics memory type	GDDR6
Product type *	Netbook	On-board graphics card *	✓
Product colour *	Grey	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Business	On-board graphics card family	Intel Arc Graphics
Original brand name	MSI	On-board graphics card model *	Intel Arc Graphics
Display		Audio	
Display diagonal *	43.2 cm (17")	Audio system	Nahimic 3
Display resolution *	1920 x 1080 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speaker power	2 W
HD type	Full HD	Camera	
Panel type	IPS-Level	Front camera	✓
Native aspect ratio	16:9	Front camera resolution	1280 x 720 pixels
Anti-glare screen	✓	Front camera HD type	HD
Display brightness	250 cd/m²	Video capturing speed	30 fps
Maximum refresh rate	144 Hz	Privacy camera	✓
Processor		Privacy type	Privacy shutter
Processor manufacturer *	Intel	Network	
Processor family *	Intel Core Ultra 7	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor generation	Intel® Core™ Ultra (Series 1)	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor model *	155H	Mobile network connection *	✗
Processor cores	16	WLAN controller model	Intel Wi-Fi 6E AX211
Processor threads	22	WLAN controller manufacturer	Intel
Processor boost frequency	4.8 GHz	Ethernet LAN	✓
Performance cores	6	Ethernet LAN data rates	10,100,1000 Mbit/s
Efficient cores	8	Bluetooth	✓
Low Power Efficient-cores	2	Bluetooth version	5.3

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	1.4 GHz	HDMI ports quantity *	1
Efficient-core base frequency	0.9 GHz	HDMI version	2.1
Low Power Efficient-core Base Frequency	700 MHz	Combo headphone/mic port	✓
Processor cache	24 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	Keyboard	
Processor base power	28 W	Pointing device	Touchpad
Maximum turbo power	115 W	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit colour	White
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	32 GB	Number of battery cells	4
Internal memory type	DDR5-SDRAM	Battery capacity *	55.2 Wh
Memory clock speed	5600 MHz	Power	
Memory layout (slots x size)	2 x 16 GB	AC adapter power	120 W
Memory slots	2x SO-DIMM	USB Power Delivery (USB PD)	✓
Maximum internal memory *	96 GB	Security	
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Kensington
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Weight & dimensions	
SSD capacity	512 GB	Width	399.3 mm
SSD interface	PCI Express 4.0	Depth	258 mm
NVMe	✓	Height (front)	2.12 cm
Optical drive type *	✗	Height (rear)	2.32 cm
Graphics		Weight *	2.4 kg
Discrete GPU manufacturer	NVIDIA	Packaging content	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	AC adapter included *	✓
Discrete graphics card memory	6 GB	Other features	
		Warranty period	2 year(s)



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Catalog Object Cloud



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