



Acer Aspire 16 AI A16-52M-916J Copilot+ PC Intel Core Ultra 9 288V Laptop 40.6 cm (16") WUXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : Acer

Product family: Aspire

Product code: NX.JP1EG.00V

Product name : A16-52M-916J

- Windows 11 Home 64-bit

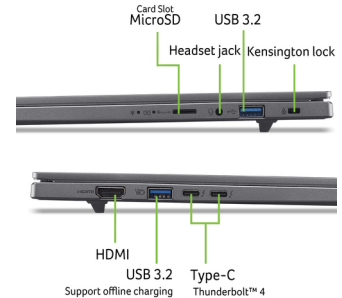
- Intel Core Ultra 9 288V (12MB Cache)

- 16" WUXGA 1920 x 1200 OLED

- 32GB (8533MHz) LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 9 288V (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 OLED, Intel Arc Graphics 140V, LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Aspire 16 AI A16-52M-916J. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 288V. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Home. Product colour: Grey. Weight: 1.49 kg



Design		Storage	
Product type *	Laptop	Optical drive type *	✗
Product colour *	Grey	Card reader integrated	✓
Form factor *	Clamshell	Compatible memory cards	MicroSD (TransFlash)
Display		Graphics	
Display diagonal *	40.6 cm (16")	Discrete graphics card model *	Not available
Display resolution *	1920 x 1200 pixels	On-board graphics card *	✓
Touchscreen *	✗	On-board GPU manufacturer	Intel
HD type	WUXGA	Discrete graphics card *	✗
Panel type	OLED	On-board graphics card family	Intel Arc Graphics
Display technology marketing name	CineCrystal	On-board graphics card model *	Intel Arc Graphics 140V
Native aspect ratio	16:10	Audio	
Display brightness	300 cd/m²	Number of built-in speakers	2
RGB colour space	DCI-P3	Built-in microphone	✓
Colour gamut	95%	Camera	
Maximum refresh rate	60 Hz	Front camera	✓
Processor		Front camera resolution	1920 x 1080 pixels
Processor manufacturer *	Intel	Front camera HD type	Full HD
Processor family *	Intel Core Ultra 9	Infrared (IR) camera	✓
Processor generation	Intel Core Ultra (Series 2)	Network	
Processor model *	288V	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor cores	8	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor threads	8	Mobile network connection *	✗
Processor boost frequency	5.1 GHz	Antenna type	2x2
Performance cores	4	Ethernet LAN	✓
Low Power Efficient-cores	4	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance-core Max Turbo Frequency	5.1 GHz	Bluetooth	✓
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Bluetooth version	5.4
Performance-core base frequency	3.3 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Base Frequency	3300 MHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cache	12 MB	USB4 Gen 3x2 ports quantity	2
Processor cache type	Smart Cache	HDMI ports quantity *	1
Processor socket	BGA 2833	Intel® Thunderbolt 4	✓
Processor base power	30 W	Combo headphone/mic port	✓
Maximum turbo power	37 W		
Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard backlit colour	White
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Copilot key	✓
Total processor performance up to	120 TOPs		
NPU performance up to	48 TOPs		
GPU performance up to	67 TOPs		
Memory		Software	
Internal memory *	32 GB	Operating system architecture	64-bit
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	8533 MHz		
Memory form factor	On-board		
Maximum internal memory *	32 GB		
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Battery capacity *	65 Wh
Total SSDs capacity	1 TB	Battery life (max)	26 h
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express		
NVMe	✓		
SSD form factor	M.2		
		Power	
		AC adapter power	65 W
		USB Type-C charging port *	✓
		USB Type-C required charging power (min) *	65 W
		USB Type-C required charging power (max) *	65 W
		USB Power Delivery (USB PD)	✓
		Security	
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Weight & dimensions	
		Width	354.9 mm
		Depth	250.1 mm
		Height	15.9 mm
		Weight *	1.49 kg
		Packaging content	
		AC adapter included *	✓



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