



**Acer Aspire 16 AI A16-52M-77L6 Intel Core Ultra 7 258V 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.JP1EC.008
Product name : A16-52M-77L6

- Windows 11 Home 64-bit
 - Intel Core Ultra 7 258V (12MB Cache)
 - 16" WUXGA+ 1920 x 1200 OLED
 - 32GB LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 7 258V (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 16" WUXGA+ 1920 x 1200 OLED, Intel Arc Graphics 140V, LAN, Webcam, Windows 11 Home 64-bit

[Acer Aspire 16 AI A16-52M-77L6 Intel Core Ultra 7 258V Laptop 40.6 cm \(16"\) WUXGA+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 \(802.11be\) Windows 11 Home Grey:](#)

Equipped with intuitive AI capabilities on a versatile, modern design to deliver powerful intelligence that's made easy. Stay productive and inspired with the perfect partner on your quest for success. Acer Aspire 16 AI A16-52M-77L6. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 258V. 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: 1.48 kg



Design		Storage	
Product type *	Laptop	SSD capacity	1 TB
Product colour *	Grey	SSD interface	PCI Express 4.0
Form factor *	Clamshell	NVMe	✓
Display		SSD form factor	M.2
Display diagonal *	40.6 cm (16")	Optical drive type *	✗
Display resolution *	1920 x 1200 pixels	Card reader integrated	✓
Touchscreen *	✗	Compatible memory cards	MicroSD (TransFlash)
HD type	WUXGA+	Graphics	
Panel type	OLED	Discrete graphics card model *	Not available
Display technology marketing name	CineCrystal	On-board graphics card *	✓
Native aspect ratio	16:10	On-board GPU manufacturer	Intel
Display surface	Matt	Discrete graphics card *	✗
Display brightness	400 cd/m ²	On-board graphics card family	Intel Arc Graphics
RGB colour space	DCI-P3	On-board graphics card model *	Intel Arc Graphics 140V
Colour gamut	100%	Audio	
Processor		Number of built-in speakers	2
Processor manufacturer *	Intel	Built-in microphone	✓
Processor family *	Intel Core Ultra 7	Camera	
Processor generation	Intel Core Ultra (Series 2)	Front camera	✓
Processor model *	258V	Network	
Processor cores	8	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor threads	8	Mobile network connection *	✗
Processor boost frequency	4.8 GHz	Ethernet LAN	✓
Performance cores	4	Ethernet LAN data rates	10,100,1000 Mbit/s
Low Power Efficient-cores	4	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth version	5.4
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Ports & interfaces	
Performance-core base frequency	2.2 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Low Power Efficient-core Base Frequency	2200 MHz		
Processor cache	12 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	USB4 Gen 3x2 ports quantity	2
Processor socket	BGA 2833	HDMI ports quantity *	1
Processor base power	17 W	Intel® Thunderbolt 4	✓
Maximum turbo power	37 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Keyboard backlit colour	White
Total processor performance up to	115 TOPs	Copilot key	✓
NPU performance up to	47 TOPs	Software	
GPU performance up to	64 TOPs	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Home
Internal memory *	32 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	65 Wh
Storage		Battery life (max)	26 h
Total storage capacity *	1 TB	Power	
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
		Cable lock slot type	Kensington
		Weight & dimensions	
		Width	354.9 mm
		Depth	250.1 mm
		Height	15.9 mm
		Weight *	1.48 kg
		Packaging content	
		Cables included	AC



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