Acer Aspire 14 AI A14-52M-55CP Intel Core Ultra 5 226V Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : Acer **Product family:** Aspire **Product code:** NX.JFVED.001

Product name : A14-52M-55CP

- Windows 11 Home 64-bit
- Intel Core Ultra 5 226V (8MB Cache)
- 35.6 cm (14") WUXGA 1920 x 1200 OLED
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") WUXGA 1920 x 1200 OLED, Intel Arc Graphics 130V, LAN, WLAN, Webcam, Windows 11 Home 64-bit
Acer Aspire 14 AI A14-52M-55CP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 226V. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 130V. Operating system installed: Windows 11 Home. Product colour: Grey. Weight: 1.4 kg

Design	
Colour name	Iron
Product type *	Laptop
Product colour *	Grey
Form factor *	Clamshell

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	OLED
Display technology marketing name	CineCrystal
Native aspect ratio	16:10
Maximum refresh rate	60 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel Core Ultra (Series 2)
Processor model *	226V
Processor cores	8
Processor threads	8
Processor boost frequency	4.5 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.5 GHz
Low Power Efficient-core Max Turbo Frequency	3.5 GHz
Performance-core base frequency	2.1 GHz
Low Power Efficient-core Base Frequency	2100 MHz
Processor cache	8 MB
Processor cache type	Smart Cache
Processor base power	17 W
Maximum turbo power	37 W

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics 130V

Audio	
Number of built-in speakers	2
Built-in microphone	✔
Number of microphones	2

Camera	
Front camera	✔

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✗
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2x2 Type-C ports quantity	2
HDMI ports quantity *	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	97 TOPs
NPU performance up to	40 TOPs
GPU performance up to	53 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	LPDDR5x-SDRAM

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✘
Keyboard backlit	✔

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	65 Wh
Battery life (max)	22 h

Power	
AC adapter power	65 W
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB charging voltage	5 V
USB charging current	3 A

Security	
Cable lock slot	✔
Cable lock slot type	Kensington

Weight & dimensions	
Width	318.9 mm
Depth	225.1 mm
Height	16.9 mm
Weight *	1.4 kg

Packaging content	
AC adapter included *	✔

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