



Acer SF14-51-52X3 Intel Core Ultra 5 226V Laptop 35.6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue



Brand : Acer

Product code: NX.J2HEG.005

Product name : SF14-51-52X3

- 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, WLAN, Webcam, Windows 11 Home 64-bit
Acer SF14-51-52X3. 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: Blue. Weight: 1.26 kg

Design		Graphics	
Colour name	Steam Blue	Discrete graphics card *	✗
Product type *	Laptop	On-board graphics card family	Intel Arc Graphics
Product colour *	Blue	On-board graphics card model *	Intel Arc Graphics 130V
Form factor *	Clamshell	Audio	
Display		Audio system	DTS:X Ultra
Display diagonal *	35.6 cm (14")	Number of built-in speakers	2
Display resolution *	1920 x 1200 pixels	Built-in microphone	✓
Touchscreen *	✗	Camera	
HD type	WUXGA	Front camera	✓
Panel type	OLED	Front camera resolution	2560 x 1440 pixels
Native aspect ratio	16:10	Front camera HD type	Quad HD
RGB colour space	DCI-P3	Privacy camera	✓
Colour gamut	100%	Privacy type	Privacy shutter
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 5	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor generation	Intel Core Ultra (Series 2)	Mobile network connection *	✗
Processor model *	226V	Antenna type	2x2
Processor cores	8	WLAN controller model	Killer Wi-Fi BE1750x
Processor threads	8	WLAN controller manufacturer	Killer
Processor boost frequency	4.5 GHz	Bluetooth	✓
Performance cores	4	Bluetooth version	5.4
Low Power Efficient-cores	4	Ports & interfaces	
Performance-core Max Turbo Frequency	4.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	USB4 Gen 3x2 ports quantity	2
Performance-core base frequency	2.1 GHz	HDMI ports quantity *	1
Low Power Efficient-core Base Frequency	2100 MHz	Combo headphone/mic port	✓
Processor cache	8 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	Keyboard	
Processor base power	17 W	Pointing device	Touchpad
Maximum turbo power	37 W	Numeric keypad *	✗
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		

Neural processor unit (NPU)		Keyboard	
Windows Studio effects support	✓	Keyboard backlit colour	White
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Total processor performance up to	97 TOPs	Operating system architecture	64-bit
NPU performance up to	40 TOPs	Operating system installed *	Windows 11 Home
GPU performance up to	53 TOPs	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	65 Wh
Memory form factor	On-board	Battery life (max)	29 h
Maximum internal memory *	16 GB	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Certificates	
Optical drive type *	✗	Certification	ENERGY STAR, CB, CE, Doc
Graphics		Weight & dimensions	
Discrete graphics card model *	Not available	Width	312.4 mm
On-board graphics card *	✓	Depth	221.2 mm
On-board GPU manufacturer	Intel	Height (front)	9.7 mm
		Height (rear)	1.59 cm
		Weight *	1.26 kg
		Packaging content	
		AC adapter included *	✓



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