



**Acer Swift 14 AI SF14-51-75ZH Intel Core Ultra 7 256V Laptop 35.6 cm (14") 2.8K 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue**

**Brand :** Acer                      **Product family:** Swift                      **Product code:** NX.J2KEK.004  
**Product name :** SF14-51-75ZH



- Windows 11 Home 64-bit  
- Intel Core Ultra 7 256V (12MB Cache)  
- 35.6 cm (14") 2.8K 2880 x 1800 OLED  
- 16GB LPDDR5x-SDRAM & 1000GB SSD  
Intel Core Ultra 7 256V (12MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") 2.8K 2880 x 1800 OLED, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Home 64-bit  
Acer Swift 14 AI SF14-51-75ZH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 256V. Display diagonal: 35.6 cm (14"), HD type: 2.8K, Display resolution: 2880 x 1800 pixels. Internal memory: 16 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: Blue. Weight: 1.28 kg

Design		Graphics	
Colour name	Steam Blue	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Blue	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc Graphics 140V
Display diagonal *	35.6 cm (14")	Audio	
Display resolution *	2880 x 1800 pixels	Audio system	DTS:X Ultra
Touchscreen *	✗	Number of built-in speakers	2
HD type	2.8K	Built-in microphone	✓
Panel type	OLED	Camera	
Display technology marketing name	CineCrystal	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	2560 x 1440 pixels
Low Blue Light technology	✓	Front camera HD type	Quad HD
Maximum refresh rate	90 Hz	Privacy camera	✓
Processor		Privacy type	Privacy shutter
Processor manufacturer *	Intel	Network	
Processor family *	Intel Core Ultra 7	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor generation	Intel Core Ultra (Series 2)	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor model *	256V	Mobile network connection *	✗
Processor cores	8	Antenna type	2x2
Processor threads	8	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor boost frequency	4.8 GHz	WLAN controller manufacturer	Killer
Performance cores	4	Bluetooth	✓
Low Power Efficient-cores	4	Bluetooth version	5.4
Performance-core Max Turbo Frequency	4.8 GHz	Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core base frequency	2.2 GHz	USB4 Gen 3x2 ports quantity	2
Low Power Efficient-core Base Frequency	2200 MHz	HDMI ports quantity *	1
Processor cache	12 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	17 W		

Processor		Keyboard	
Maximum turbo power	37 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Keyboard backlit colour	White
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system architecture	64-bit
Total processor performance up to	115 TOPs	Operating system installed *	Windows 11 Home
NPU performance up to	47 TOPs	Battery	
GPU performance up to	64 TOPs	Battery technology	Lithium-Ion (Li-Ion)
Memory		Battery capacity *	65 Wh
Internal memory *	16 GB	Battery life (max)	25.5 h
Internal memory type	LPDDR5x-SDRAM	Power	
Maximum internal memory *	16 GB	AC adapter power	65 W
Storage		USB Type-C charging port *	✓
Total storage capacity *	1 TB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	1 TB	Cable lock slot type	Kensington
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	1 TB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Certificates	
NVMe	✓	Certification	ENERGY STAR, CB, CE, Doc
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	312.4 mm
Graphics		Depth	221.2 mm
Discrete graphics card model *	Not available	Height (front)	9.7 mm
		Height (rear)	1.59 cm
		Weight *	1.28 kg
		Packaging content	
		AC adapter included *	✓



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