



**Acer Swift 14 AI SF14-51-57P6 Intel Core Ultra 5 226V Laptop 35.6 cm (14") 2.8K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Blue**

**Brand :** Acer

**Product family:** Swift

**Product code:** NX.J2KEK.001



**Product name :** SF14-51-57P6

- Windows 11 Home 64-bit
- Intel Core Ultra 5 226V (8MB Cache)
- 35.6 cm (14") 2.8K 2880 x 1800 OLED
- 16GB LPDDR5x-SDRAM & 512GB SSD

Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") 2.8K 2880 x 1800 OLED, Intel Arc Graphics 130V, WLAN, Webcam, Windows 11 Home 64-bit

Acer Swift 14 AI SF14-51-57P6. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 226V. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 130V. Operating system installed: Windows 11 Home. Product colour: Blue. Weight: 1.28 kg

Design		Storage	
Colour name	Steam Blue	Optical drive type *	✗
Product type *	Laptop	<b>Graphics</b>	
Product colour *	Blue	Discrete graphics card model *	Not available
Form factor *	Clamshell	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	35.6 cm (14")	Discrete graphics card *	✗
Display resolution *	2880 x 1800 pixels	On-board graphics card family	Intel Arc Graphics
Touchscreen *	✗	On-board graphics card model *	Intel Arc Graphics 130V
HD type	2.8K	Audio	
Panel type	OLED	Audio system	DTS:X Ultra
Display technology marketing name	CineCrystal	Number of built-in speakers	2
Native aspect ratio	16:10	Built-in microphone	✓
Low Blue Light technology	✓	Camera	
Maximum refresh rate	90 Hz	Front camera	✓
Processor		Infrared (IR) camera	✓
Processor manufacturer *	Intel	Privacy camera	✓
Processor family *	Intel Core Ultra 5	Privacy type	Privacy shutter
Processor generation	Intel Core Ultra (Series 2)	Network	
Processor model *	226V	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	4.5 GHz	Antenna type	2x2
Performance cores	4	WLAN controller model	Killer Wi-Fi 7 BE1750
Low Power Efficient-cores	4	WLAN controller manufacturer	Killer
Performance-core Max Turbo Frequency	4.5 GHz	Bluetooth	✓
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Ports & interfaces	
Performance-core base frequency	2.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Low Power Efficient-core Base Frequency	2100 MHz	USB4 Gen 3x2 ports quantity	2
Processor cache	8 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	Headphone outputs	1
Processor base power	17 W	Combo headphone/mic port	✓
Maximum turbo power	37 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost		

Neural processor unit (NPU)		Keyboard	
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	97 TOPs	Software	
NPU performance up to	40 TOPs	Operating system architecture	64-bit
GPU performance up to	53 TOPs	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	65 Wh
Memory form factor	On-board	Battery life (max)	25.5 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	✓	Weight & dimensions	
SSD form factor	M.2	Width	312.4 mm
		Depth	221.2 mm
		Height (front)	9.7 mm
		Height (rear)	1.59 cm
		Weight *	1.28 kg
		Packaging content	
		Cables included	AC



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