



Acer Aspire AV16-51P-50RJ Intel Core Ultra 5 125U Laptop 40.6 cm (16") Full HD 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : Acer

Product family: Aspire

Product code: NX.KV7EK.008

Product name : AV16-51P-50RJ



- Windows 11 Home 64-bit
- Intel Core Ultra 5 125U (12MB Cache)
- 40.6 cm (16") Full HD 1920 x 1200 IPS
- 16GB LPDDR5x-SDRAM & 512GB SSD

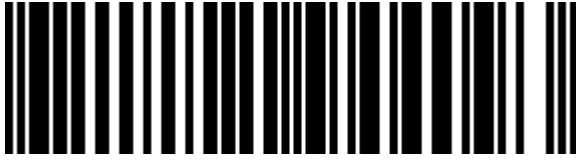
Intel Core Ultra 5 125U (12MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") Full HD 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Aspire AV16-51P-50RJ. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125U. Display diagonal: 40.6 cm (16"), HD type: Full HD, 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 Graphics. Operating system installed: Windows 11 Home. Product colour: Silver. Weight: 1.8 kg



Design		Storage	
Product type *	Laptop	Number of SSDs installed	1
Product colour *	Silver	SSD capacity	512 GB
Form factor *	Clamshell	SSD interface	PCI Express
Display		NVMe	✓
Display diagonal *	40.6 cm (16")	SSD form factor	M.2
Display resolution *	1920 x 1200 pixels	Optical drive type *	✗
Touchscreen *	✗	Card reader integrated	✗
HD type	Full HD	Graphics	
Panel type	IPS	Discrete graphics card model *	Not available
Display technology marketing name	ComfyView	On-board graphics card *	✓
LED backlight	✓	On-board GPU manufacturer	Intel
Native aspect ratio	16:10	Discrete graphics card *	✗
Display surface	Matt	On-board graphics card model *	Intel Graphics
Maximum refresh rate	60 Hz	Audio	
Processor		Built-in microphone	✓
Processor manufacturer *	Intel	Camera	
Processor family *	Intel Core Ultra 5	Front camera	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Network	
Processor model *	125U	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor cores	12	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor threads	14	Mobile network connection *	✗
Processor boost frequency	4.3 GHz	Antenna type	2x2
Performance cores	2	WLAN controller model	Killer Wi-Fi 6E 1675i
Efficient cores	8	WLAN controller manufacturer	Killer
Low Power Efficient-cores	2	Ethernet LAN	✓
Performance-core Max Turbo Frequency	4.3 GHz	Ethernet LAN data rates	10,100,1000 Mbit/s
Efficient-core Max Turbo Frequency	3.6 GHz	Bluetooth	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Ports & interfaces	
Performance-core base frequency	1.3 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core base frequency	0.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Low Power Efficient-core Base Frequency	700 MHz	Ethernet LAN (RJ-45) ports	1
Processor cache	12 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache		

Processor		Ports & interfaces	
Processor base power	15 W	Combo headphone/mic port	✓
Maximum turbo power	57 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Maximum frequency NPU	1.4 GHz	Keyboard backlit	✓
Sparsity support	✓	Keyboard backlit colour	White
Windows Studio effects support	✓	Software	
AI datatype support on NPU	FP16, FP32, Int8	Operating system architecture	64-bit
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	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
Storage		Battery life (max)	18.5 h
Total storage capacity *	512 GB	Power	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	512 GB	Security	
		Fingerprint reader	✓
		Weight & dimensions	
		Width	359.5 mm
		Depth	247 mm
		Height	16.6 mm
		Weight *	1.8 kg
		Packaging content	
		Cables included	AC



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