



Acer Nitro 5 AN517-55-56PD Laptop 43.9 cm (17.3") Full HD Intel® Core™ i5 i5-12450H 16 GB 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Nitro

Product code: NH.QLGEK.001

Product name : AN517-55-56PD



17.3" IPS-LCD, 1920x1080 144Hz, 16:9, Intel Core i5-12450H, 2GHz, 16GB, 512GB SSD M.2, NVMe, PCIe, Nvidia GeForce 4050 6GB GDDR6, Wi-Fi 6, BT 5.1, 1Gbps LAN, 1x HDMI, 1x USB 3.2 Gen.1 Type-A, 1x USB 3.2 Gen.1 Type-C, 2x USB 3.2 Gen.2 Type-A, 1x USB 3.2 Gen.2 Type-C, 1x RJ45, 90Wh Li-Ion, 230W, 400.5x294.5x27.9mm, 3kg, Windows 11 Home

Acer Nitro 5 AN517-55-56PD. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12450H, Processor frequency: 2 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB. Total storage capacity: 512 GB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 3 kg

Design		Graphics	
Product type *	Laptop	Discrete GPU manufacturer	NVIDIA
Product colour *	Black	Discrete graphics card model *	NVIDIA GeForce RTX 4050
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	Discrete graphics card memory	6 GB
Display		Discrete graphics memory type	GDDR6
Display diagonal *	43.9 cm (17.3")	Audio	
Display resolution *	1920 x 1080 pixels	Number of built-in speakers	2
Touchscreen *	✗	Built-in microphone	✓
HD type	Full HD	Network	
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display technology marketing name	ComfyView	Wi-Fi standards	Wi-Fi 6 (802.11ax)
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	1000 Mbit/s
Display diagonal (metric)	43.9 cm	Bluetooth	✓
Maximum refresh rate	144 Hz	Bluetooth version	5.1
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor generation	12th gen Intel® Core™ i5	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	i5-12450H	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor frequency *	2 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core Max Turbo Frequency	3.3 GHz	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.4 GHz	Keyboard	
Processor cores	8	Pointing device	Touchpad
Performance cores	4	Numeric keypad *	✓
Efficient cores	4	Keyboard backlight	✓
Processor cache	12 MB	Keyboard backlight colour	RGB
Processor cache type	Smart Cache	Software	
Processor base power	45 W	Operating system installed *	Windows 11 Home
Maximum turbo power	95 W	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Battery capacity *	90 Wh
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD		

Storage		Battery	
Total SSDs capacity	512 GB	Battery life (max)	8 h
Number of SSDs installed	1	Weight & dimensions	
SSD capacity	512 GB	Width	400.5 mm
SSD interface	PCI Express	Depth	294.5 mm
NVMe	✓	Height	27.9 mm
SSD form factor	M.2	Weight *	3 kg
Optical drive type *	✗		

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