



Acer Nitro 5 5 AN515-58 Gaming Laptop - Intel Core i7-12650H, 16GB, 1TB SSD, NVIDIA GeForce RTX 4060 8G, 15.6" QHD IPS 165Hz, Windows 11, Black

Brand : Acer

Product family: Nitro

Product code: NH.QM0EK.00B

Product name : Acer Nitro 5 AN515-58 Gaming Laptop - Intel Core i7-12650H, 16GB, 1TB SSD, NVIDIA GeForce RTX 4060 8G, 15.6" QHD IPS 165Hz, Windows 11, Black



Acer Nitro 5 AN515-58 Gaming Laptop - Intel Core i7-12650H, 16GB, 1TB SSD, NVIDIA GeForce RTX 4060 8G, 15.6" QHD IPS 165Hz, Windows 11, Black. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12650H, Processor frequency: 4.7 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Quad HD, Display resolution: 2560 x 1440 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black

Design		Audio	
Product type *	Laptop	Audio system	DTS:X Ultra
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Country of origin	China	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	2560 x 1440 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
HD type	Quad HD	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	WLAN controller model	Killer Wi-Fi 6 AX1650i
Native aspect ratio	16:9	WLAN controller manufacturer	Killer
Display brightness	300 cd/m ²	Ethernet LAN	✓
RGB colour space	DCI-P3	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	165 Hz	Bluetooth version	5.1
Processor		MIMO	✓
Processor manufacturer *	Intel	MIMO type	Multi User MIMO
Processor generation	12th gen Intel® Core™ i7	Ports & interfaces	
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor model *	i7-12650H	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor frequency *	4.7 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor boost frequency	4.7 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	3.5 GHz	HDMI version	2.1
Performance-core Max Turbo Frequency	4.7 GHz	Thunderbolt 4 ports quantity	1
Processor cores	10	Intel® Thunderbolt 4	✓
Performance cores	6	Headphone outputs	1
Efficient cores	4	Microphone in	✓
Processor cache	24 MB		
Processor cache type	Smart Cache		
Processor base power	45 W		

Processor		Ports & interfaces	
Maximum turbo power	115 W	Combo headphone/mic port	✓
Memory		USB Power Delivery	✓
Internal memory *	16 GB	USB Sleep-and-Charge	✓
Internal memory type	DDR5-SDRAM	USB Sleep-and-Charge ports	1
Maximum internal memory *	32 GB	Keyboard	
Memory data transfer rate	4800 MT/s	Pointing device	Touchpad
Storage		Keyboard layout	QWERTY
Total storage capacity *	1 TB	Keyboard language	UK English
Storage media *	SSD	Numeric keypad *	✓
Number of SSDs installed	1	Keyboard backlit	✓
SSD capacity	1 TB	Keyboard backlit colour	RGB
SSD interface	PCI Express	Keyboard backlit zone	4-zone RGB
NVMe	✓	Software	
SSD form factor	M.2	Operating system installed *	Windows 11 Home
Optical drive type *	✗	Battery	
Graphics		Battery technology	Lithium-Ion (Li-Ion)
Discrete GPU manufacturer	NVIDIA	Number of battery cells	4
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Battery capacity *	57.5 Wh
On-board graphics card *	✓	Battery life (max)	4 h
On-board GPU manufacturer	Intel	Continuous video playback time	4 h
Discrete graphics card *	✓	Browsing time (Wi-Fi)	4 h
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	360.4 mm
Discrete graphics card memory	8 GB	Depth	271.1 mm
Discrete graphics memory type	GDDR6	Height	25.9 mm
NVIDIA G-SYNC	✓	Weight *	2.5 kg
CUDA	✓	Packaging data	
CUDA cores	3072	Package width	80 mm
		Package depth	543 mm
		Package height	341 mm
		Package weight	4.05 kg

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