



Acer Nitro 5 AN515-58-7578 Intel® Core™ i7 i7-12650H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Nitro

Product code: NH.QLZAA.004

Product name :
AN515-58-7578

- Windows 11 Home 64-bit
- Intel Core i7-12650H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB DDR5-SDRAM & 1000GB SSD

Intel Core i7-12650H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

Acer Nitro 5 AN515-58-7578. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12650H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 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, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product colour: Black



Design		Network	
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	WLAN controller model	Killer Wireless-AX 1650i
Form factor *	Clamshell	WLAN controller manufacturer	Killer
Market positioning	Gaming	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,1000,100 Mbit/s
Display diagonal *	39.6 cm (15.6")	Bluetooth	✓
Display resolution *	1920 x 1080 pixels	Bluetooth version	5.1
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
LED backlight	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	Headphone outputs	1
Processor family *	Intel® Core™ i7	Combo headphone/mic port	✓
Processor generation	12th gen Intel® Core™ i7	Keyboard	
Processor model *	i7-12650H	Pointing device	Touchpad
Processor cores	10	Numeric keypad *	✓
Processor boost frequency	4.7 GHz	Keyboard backlit	✓
Processor cache	24 MB	Software	
Configurable TDP-down	35 W	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Processor special features	
Internal memory type	DDR5-SDRAM	Intel Flex Memory Access	✓
Memory form factor	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	2x SO-DIMM	Execute Disable Bit	✓
Maximum internal memory *	32 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	1 TB		
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		

Storage		Processor special features	
SSD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Number of battery cells	4
Discrete graphics card memory	6 GB	Battery capacity *	57.5 Wh
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card model *	Intel® UHD Graphics		
Audio		Power	
Number of built-in speakers	2	AC adapter power	230 W
Built-in microphone	✓	DC-in jack	✓
Number of microphones	2		
Camera		Security	
Front camera	✓	Cable lock slot	✓
Front camera resolution	1280 x 720 pixels	Cable lock slot type	Kensington
Front camera HD type	HD	Trusted Platform Module (TPM)	✓
Network		Password protection	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Password protection type	BIOS, HDD, Supervisor, User
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Mobile network connection *	✗	Weight & dimensions	
		Width	360.4 mm
		Depth	271.1 mm
		Height (front)	2.59 cm
		Height (rear)	2.69 cm
		Weight *	2.5 kg
		Packaging content	
		Cables included	AC



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