Product Support

Nitro AN515-46

Model Number: AN515-46

Part Number: NH.QH1EY.001

Find Another Model

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Battery Information

Battery Chemistry	Lithium Ion (Li-Ion)
Number of Cells	4-cell
Battery Energy	57.50 Wh
Maximum Battery Run Time	6 Hours

Built-in Devices

Speakers	Yes
Microphone	Yes
Finger Print Reader	No
Front Camera/Webcam	Yes
Front Camera/Webcam Video Resolution	1280 x 720
Number of Microphones	2

Interfaces/Ports

HDMI	Yes
Network (RJ-45)	Yes
Number of HDMI Outputs	1
Total Number of USB Ports	4
Headphone/Microphone Combo Port	Yes
USB Type-C	Yes
USB Type-C Detail	USB Type-C port: USB 3.2 Gen 2 (up to 10 Gbps), DisplayPort over USB-C, USB charging 5 V; 3 A, DC-in port 20 V; 100 W
Number of USB 3.2 Gen 2 Type-C Ports	1
Number of USB 3.2 Gen 1 Type-A Ports	1

Number of USB 3.2 Gen 2 Type-A Ports	2

Display & Graphics

Aspect Ratio	16:9
Screen Resolution	1920 x 1080
Screen Size	39.6 cm (15.6")
Screen Mode	Full HD
HDCP Supported	Yes
Touchscreen	No
Standard Refresh Rate	144 Hz
Graphics Controller Manufacturer	NVIDIA®
Graphics Controller Model	GeForce® RTX™ 3070Ti
Graphics Memory Capacity	8 GB
Graphics Memory Technology	GDDR6
Graphics Memory Accessibility	Dedicated
Display Screen Type	LCD
Display Screen Technology	• In-plane Switching (IPS) Technology • ComfyView
Backlight Technology	LED
GPU Boost Clock	Up to 1510 MHz
Maximum Graphics Power	Up to 150 W

Input Devices

Keyboard	Yes
Pointing Device Type	TouchPad
Keyboard Backlight	Yes
TouchPad Features	Multi-touch Gesture
Keyboard Localization	Turkish
Numeric Pad	Yes

Memory

Memory Card Reader	No
Total Installed System Memory	16 GB
Maximum Supported System Memory	32 GB
System Memory Technology	DDR5 SDRAM
Installed Slot Memory Configuration	1 x 16GB
Total Number of Memory Slots	2
Installed Slot Memory	16 GB

Miscellaneous

Package Contents	• Nitro 5 AN515-46-R2C7 Gaming Notebook • Lithium Ion Battery • AC Adapter

Security Features	• Firmware Trusted Platform Module (TPM) solution
	• Kensington lock slot
	• BIOS Passwords:
	    • User
	    • Supervisor

Network & Communication

Bluetooth	Yes
Wireless LAN	Yes
Wireless LAN Standard	IEEE 802.11 a/b/g/n/ac/ax
Bluetooth Standard	Bluetooth 5.2
Ethernet Technology	Gigabit Ethernet

Physical Characteristics

Weight (Approximate)	2.50 kg
Height	29.50 mm
Width	363.5 mm
Depth	272.9 mm
Height (Front)	26.50 mm
Height (Rear)	29.50 mm
Product Color	Obsidian Black

Power Description

Maximum Power Supply Wattage	280 W

Storage

Optical Drive Type	No
Solid State Drive Interface	PCIe NVMe
Solid State Drive Configuration	1 x 512GB
Total Solid State Drive Capacity	512 GB
SSD Form Factor	M.2

Processor

Cache	16 MB
Processor Speed	3.20 GHz
Processor Type	Ryzen 7
Processor Model	6800H
Processor Core	Octa-core (8 Core™)
Processor Manufacturer	AMD
Maximum Turbo Speed	4.70 GHz

Operating System

Operating System	EShell

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