



Acer Nitro 16 AN16-51-74BV Intel® Core™ i7 i7-13700H Laptop 40.6 cm (16") WUXGA 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.QJMAA.002

Product name : AN16-51-74BV

Acer Nitro 16 AN16-51-74BV. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13700H. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe 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	1000 Mbit/s
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Bluetooth version	5.1
Touchscreen *	✗	Ports & interfaces	
HD type	WUXGA	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	2
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	Keyboard	
Processor generation	13th gen Intel® Core™ i7	Pointing device	Touchpad
Processor model *	i7-13700H	Numeric keypad *	✓
Processor cores	14	Keyboard backlit	✓
Processor boost frequency	5 GHz	Software	
Performance-core boost frequency	5 GHz	Operating system architecture	64-bit
Efficient-core boost frequency	3.7 GHz	Operating system installed *	Windows 11 Home
Processor cache	24 MB	Processor special features	
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Configurable TDP-down	35 W	Intel Trusted Execution Technology	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	16 GB	Execute Disable Bit	✓
Internal memory type	DDR5-SDRAM	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB		
SSD interface	PCI Express		
Optical drive type *	✗		
Graphics			
Discrete GPU manufacturer	NVIDIA		

Graphics		Battery	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Number of battery cells	4
Discrete graphics card memory	6 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	230 W
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
Audio		Password protection	✓
Number of built-in speakers	2	Password protection type	BIOS, HDD, Supervisor, User
Built-in microphone	✓	Weight & dimensions	
Camera		Width	360.1 mm
Front camera	✓	Depth	279.9 mm
Network		Height (front)	2.59 cm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Height (rear)	2.79 cm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Weight *	2.8 kg
Mobile network connection *	✗	Packaging content	
		Cables included	AC



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