GIGABYTE AORUS 7 9KF Gaming Laptop - 17.3 Inch, 360Hz QHD, i5-12500H, RTX 4060 GPU, 16GB DDR4 3200MHz, 1x 512GB Gen4 SSD, Windows 11 Home, 2 Year Warranty, AORUS 7 9KF-E3GB513SH

Brand : GIGABYTE

Product code: AORUS 7 9KF-E3GB513SH

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- NVIDIA GeForce RTX 4060 Laptop GPU
- 12th Gen Intel Core i5-12500H
- 17.3" FHD 360Hz Panel
- WINDFORCE Infinity Cooling System
- MUX Switch Technology
Intel Core i5-12500H (18MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

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The brand-new AORUS 7 combines powerful performance and mobility with the powerful 12th Gen Intel Core i5-12500H and NVIDIA GeForce RTX 40 Series Laptop GPUs, feel the power to run any AAA game smoothly. The 360Hz gaming panel with a high screen-to-body ratio enables gamers to be immersed in smooth and high-quality visuals. Plus, the MUX switch technology increases the frame rate and provides better performance with just one click. Enjoy the high portability of the AORUS 7 and start dominating the gaming world with its overwhelming performance.

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Country of origin	China

Display

Display diagonal *	43.9 cm (17.3")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Native aspect ratio	16:9
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	360 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-12500H
Processor cores	12
Processor boost frequency	4.5 GHz
Performance cores	4
Efficient cores	8
Performance-core Max Turbo Frequency	4.5 GHz
Efficient-core Max Turbo Frequency	3.3 GHz
Processor cache	18 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W

Audio

Speaker power	2 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Mini DisplayPorts quantity	1
Combo headphone/mic port	✔
Charging port type	DC-in jack

Keyboard

Pointing device	Touchpad

Processor

Processor base power	45 W
Maximum turbo power	95 W

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory layout (slots x size)	2 x 8 GB
Maximum internal memory *	64 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
Optical drive type *	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio system	DTS:X Ultra
Number of built-in speakers	2

Keyboard

Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	3-zone RGB

Software

Operating system installed *	Windows 11 Home

Processor special features

CPU configuration (max)	1

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	99 Wh
Battery weight	450 g

Power

AC adapter power	230 W

Security

Trusted Platform Module (TPM)	✔

Weight & dimensions

Width	398 mm
Depth	254 mm
Height	26 mm
Weight *	2.7 kg

Packaging data

Package width	95 mm
Package depth	597 mm
Package height	359 mm
Package weight	5 kg

Packaging content

Number of batteries	1

Logistics data

Products per shipping (inner) case	1 pc(s)

Other features

Batteries included	✔
Warranty period	2 year(s)

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