



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		Audio	
Product type *	Laptop	Speaker power	2 W
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Country of origin	China	Front camera	✓
Display		Front camera HD type	HD
Display diagonal *	43.9 cm (17.3")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	Full HD	Mobile network connection *	✗
Native aspect ratio	16:9	Antenna type	2x2
RGB colour space	sRGB	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	360 Hz	Bluetooth	✓
Processor		Bluetooth version	5.2
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	12th gen Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor model *	i5-12500H	Ethernet LAN (RJ-45) ports	1
Processor cores	12	HDMI ports quantity *	1
Processor boost frequency	4.5 GHz	HDMI version	2.1
Performance cores	4	Mini DisplayPorts quantity	1
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.5 GHz	Charging port type	DC-in jack
Efficient-core Max Turbo Frequency	3.3 GHz	Keyboard	
Processor cache	18 MB	Pointing device	Touchpad
Processor cache type	Smart Cache		
Configurable TDP-down	35 W		

Processor		Keyboard	
Processor base power	45 W	Numeric keypad *	✓
Maximum turbo power	95 W	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	16 GB	Keyboard backlit zone	3-zone RGB
Internal memory type	DDR4-SDRAM	Software	
Memory clock speed	3200 MHz	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 8 GB	Processor special features	
Maximum internal memory *	64 GB	CPU configuration (max)	1
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium Polymer (LiPo)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	512 GB	Battery capacity *	99 Wh
Number of SSDs installed	1	Battery weight	450 g
SSD capacity	512 GB	Power	
SSD interface	PCI Express	AC adapter power	230 W
NVMe	✓	Security	
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	398 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Depth	254 mm
Discrete graphics card memory	8 GB	Height	26 mm
Discrete graphics memory type	GDDR6	Weight *	2.7 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	Intel	Package width	95 mm
Discrete graphics card *	✓	Package depth	597 mm
On-board graphics card family	Intel Iris Xe Graphics	Package height	359 mm
On-board graphics card model *	Intel Iris Xe Graphics	Package weight	5 kg
Audio		Packaging content	
Audio system	DTS:X Ultra	Number of batteries	1
Number of built-in speakers	2	Logistics data	
		Products per shipping (inner) case	1 pc(s)
		Other features	
		Batteries included	✓
		Warranty period	2 year(s)



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