



# ASUS ROG GZ301VIC-MU003W Intel® Core™ i9 i9-13900H Hybrid (2-in-1) 34 cm (13.4") Touchscreen Quad HD+ 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Silver

Brand : ASUS

Product family: ROG

Product code: 90NR0GF2-M000M0



Product name : GZ301VIC-MU003W

- Windows 11 Home 64-bit  
 - Intel Core i9-13900H (24MB Cache)  
 - 34.0 cm (13.4") Quad HD+ 2560 x 1600 IPS Touch, NVIDIA GeForce RTX 4070 (8GB GDDR6)  
 - 32GB LPDDR5-SDRAM (2 x 16) & 1000GB SSD  
 Intel Core i9-13900H (24MB Cache), 32GB LPDDR5-SDRAM, 1000GB SSD, 34.0 cm (13.4") Quad HD+ 2560 x 1600 IPS Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ROG GZ301VIC-MU003W. Product type: Hybrid (2-in-1), Form factor: Convertible (Detachable). Processor family: Intel® Core™ i9, Processor model: i9-13900H. Display diagonal: 34 cm (13.4"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Silver



Design		Graphics	
Colour name	Acronym	NVIDIA G-SYNC	✓
Product type *	Hybrid (2-in-1)	Audio	
Product colour *	Silver	Audio system	Dolby Atmos
Form factor *	Convertible (Detachable)	Number of built-in speakers	2
Housing material	Aluminium	Built-in microphone	✓
Market positioning	Gaming	Number of microphones	3
Introduction year	2023	Camera	
Display		Front camera	✓
Touchscreen type	Capacitive	Front camera resolution (numeric)	13 MP
Display diagonal *	34 cm (13.4")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 pixels	Rear camera	✓
Touchscreen *	✓	Rear camera resolution (numeric)	5 MP
HD type	Quad HD+	Network	
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
LED backlight	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Mobile network connection *	✗
Display surface	Gloss	Antenna type	2x2
Display brightness	500 cd/m <sup>2</sup>	Ethernet LAN	✗
RGB colour space	DCI-P3	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.2
Maximum refresh rate	165 Hz	Ports & interfaces	
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
High Dynamic Range (HDR) technology	Dolby Vision	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i9	Combo headphone/mic port	✓
Processor generation	13th gen Intel® Core™ i9		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor model *	i9-13900H	Charging port type	USB Type-C
Processor cores	14	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.4 GHz	USB Power Delivery	✓
Performance cores	6	ROG XG Mobile port	✓
Efficient cores	8	<b>Keyboard</b>	
Performance-core Max Turbo Frequency	5.4 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	4.1 GHz	Numeric keypad *	✗
Efficient-core boost frequency	4.1 GHz	Keyboard backlit	✓
Processor cache	24 MB	Keyboard backlit colour	RGB
Processor cache type	Smart Cache	Keyboard backlit zone	1-zone RGB
Configurable TDP-down	35 W	<b>Software</b>	
Processor base power	45 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Operating system installed *	Windows 11 Home
<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	32 GB	CPU configuration (max)	1
Internal memory type	LPDDR5-SDRAM	<b>Battery</b>	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 16 GB	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	56 Wh
Memory channels	Dual-channel	Fast charging	✓
<b>Storage</b>		Fast charging time (50%)	30 min
Total storage capacity *	1 TB	<b>Power</b>	
Storage media *	SSD	AC adapter power	130 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	AC adapter output current	6.5 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	<b>Security</b>	
SSD form factor	M.2	Face recognition	✓
Optical drive type *	✗	Windows Hello	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash)	Password protection	✓
<b>Graphics</b>		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	<b>Sustainability</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR
On-board GPU manufacturer	Intel	<b>Weight &amp; dimensions</b>	
Discrete graphics card *	✓	Width	302 mm
On-board graphics card family	Intel Iris Xe Graphics	Depth	214 mm
On-board graphics card model *	Intel Iris Xe Graphics	Height (front)	1.56 cm
Discrete graphics card memory	8 GB	Height (rear)	2 cm
Discrete graphics memory type	GDDR6	Weight *	1.32 kg
		<b>Packaging content</b>	
		Stylus pen	✓



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