



# ASUS ROG Flow Z13 GZ301VV-MU009W Hybrid (2-in-1) 34 cm (13.4") Touchscreen Quad HD+ Intel® Core™ i9 i9-13900H 16 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** ASUS

**Product family:** ROG

**Product code:** 90NR0BH1-M000W0

**Product name :** GZ301VV-MU009W

- 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 4060 (8GB GDDR6)  
 - 16GB LPDDR5-SDRAM (2 x 8) & 1000GB SSD  
 Intel Core i9-13900H (24MB Cache), 16GB LPDDR5-SDRAM, 1000GB SSD, 34.0 cm (13.4") Quad HD+ 2560 x 1600 IPS Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ROG Flow Z13 GZ301VV-MU009W. 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: 16 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: Black



Design		Audio	
Colour name	Black	Number of built-in speakers	2
Product type *	Hybrid (2-in-1)	Built-in microphone	✓
Product colour *	Black	Number of microphones	3
Form factor *	Convertible (Detachable)	Camera	
Housing material	Aluminium	Front camera	✓
Market positioning	Gaming	Front camera resolution (numeric)	13 MP
Introduction year	2023	Infrared (IR) camera	✓
Display		Rear camera	✓
Touchscreen type	Capacitive	Rear camera resolution (numeric)	5 MP
Display diagonal *	34 cm (13.4")	Network	
Display resolution *	2560 x 1600 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type	Quad HD+	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✗
Native aspect ratio	16:10	Bluetooth	✓
Display surface	Gloss	Bluetooth version	5.2
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) supported	✓	Thunderbolt 4 ports quantity	1
High Dynamic Range (HDR) technology	Dolby Vision	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	USB Type-C
Processor generation	13th gen Intel® Core™ i9	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i9	USB Power Delivery	✓
Processor model *	i9-13900H	ROG XG Mobile port	✓
Processor boost frequency	5.4 GHz	Keyboard	
Efficient-core boost frequency	4.1 GHz	Pointing device	Touchpad
Processor cores	14	Numeric keypad *	✗
Processor cache	24 MB		

<b>Processor</b>		<b>Keyboard</b>	
Processor cache type	Smart Cache	Keyboard backlit	✓
Configurable TDP-down	35 W	Keyboard backlit colour	RGB
Processor base power	45 W	Keyboard backlit zone	1-zone RGB
Maximum turbo power	115 W	<b>Software</b>	
<b>Memory</b>		Operating system architecture	64-bit
Internal memory *	16 GB	Trial software	1-month trial for new Microsoft 365 customers
Internal memory type	LPDDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory form factor	On-board	<b>Processor special features</b>	
Memory layout (slots x size)	2 x 8 GB	CPU configuration (max)	1
Maximum internal memory *	16 GB	<b>Battery</b>	
Memory channels	Dual-channel	Battery technology	Lithium-Ion (Li-Ion)
<b>Storage</b>		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	56 Wh
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	1 TB	Fast charging time (50%)	30 min
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	1 TB	AC adapter power	130 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	6.5 A
Optical drive type *	✗	AC adapter output voltage	20 V
Card reader integrated	✓	<b>Security</b>	
Compatible memory cards	MicroSD (TransFlash)	Face recognition	✓
<b>Graphics</b>		Windows Hello	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
Discrete graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel Iris Xe Graphics	Width	302 mm
Discrete graphics card memory	8 GB	Depth	206 mm
Discrete graphics memory type	GDDR6	Height (front)	1.29 cm
<b>Audio</b>		Height (rear)	1.42 cm
Audio system	Dolby Atmos	Weight *	1.18 kg



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