



ASUS ROG Flow Z13 GZ301VU-MU001W notebook i9-13900H Hybrid (2-in-1) 34 cm (13.4") Touchscreen WQXGA Intel® Core™ i9 16 GB LPDDR5-SDRAM 1000 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : ASUS

Product family: ROG

Product code: GZ301VU-MU001W

Product name : GZ301VU-MU001W

- Windows 11 Home 64-bit
 - Intel Core i9-13900H (24MB Cache)
 - 34.0 cm (13.4") WQXGA 2560 x 1600 IPS Touch, NVIDIA GeForce RTX 4050 (6GB 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") WQXGA 2560 x 1600 IPS Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit
 ASUS ROG Flow Z13 GZ301VU-MU001W. 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: WQXGA, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1000 GB, 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	
Market positioning	Gaming	Front camera	✓
Display		Front camera resolution (numeric)	5 MP
Display diagonal *	34 cm (13.4")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 pixels	Rear camera	✓
Touchscreen *	✓	Rear camera resolution (numeric)	13 MP
HD type	WQXGA	Network	
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display surface	Gloss	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	100%	Bluetooth	✓
Display response rise/fall	30 ms	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 generation	13th gen Intel® Core™ i9	Combo headphone/mic port	✓
Processor model *	i9-13900H	Charging port type	USB Type-C
Processor family *	Intel® Core™ i9	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.4 GHz	USB Power Delivery	✓
Processor cores	14	ROG XG Mobile port	✓
Processor cache	24 MB	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	16 GB	Numeric keypad *	✗
Internal memory type	LPDDR5-SDRAM	Keyboard backlit	✓
Memory form factor	On-board		

Memory		Keyboard	
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit colour	RGB
Maximum internal memory *	16 GB	Software	
Memory channels	Dual-channel	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	1000 GB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1000 GB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	56 Wh
SSD capacity	1000 GB	Power	
SSD interface	PCI Express 4.0	AC adapter power	130 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	6.5 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	MicroSD (TransFlash)	Security	
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Password protection type	BIOS, User
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card *	✓	Width	302 mm
On-board graphics card model *	Intel Iris Xe Graphics	Depth	206 mm
Discrete graphics card memory	6 GB	Height (front)	1.29 cm
Discrete graphics memory type	GDDR6	Height (rear)	1.42 cm
Audio		Weight *	1.18 kg
Audio system	Dolby Atmos		



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