



ASUS ROG Flow Z13 GZ301VU-DS91T-CA laptop Intel® Core™ i9 i9-13900H Hybrid (2-in-1) 34 cm (13.4") Touchscreen WQXGA 16 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: ROG

Product code: GZ301VU-DS91T-CA

Product name : GZ301VU-DS91T-CA

- Windows 11 Home 64-bit
- Intel Core i9-13900H (24MB Cache)
- 34 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 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-DS91T-CA. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name	Black	Rear camera	✓
Product type *	Hybrid (2-in-1)	Rear camera resolution (numeric)	5 MP
Product colour *	Black	Network	
Form factor *	Convertible (Detachable)	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2023	Mobile network connection *	✗
Display		Antenna type	2x2
Touchscreen type	Capacitive	Ethernet LAN	✗
Display diagonal *	34 cm (13.4")	Bluetooth	✓
Display resolution *	2560 x 1600 pixels	Bluetooth version	5.2
Touchscreen *	✓	Ports & interfaces	
HD type	WQXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
LED backlight	✓	Thunderbolt 4 ports quantity	1
Native aspect ratio	16:10	Intel® Thunderbolt 4	✓
Display surface	Gloss	Combo headphone/mic port	✓
RGB colour space	DCI-P3	Charging port type	USB Type-C
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	165 Hz	USB Power Delivery	✓
High Dynamic Range (HDR) supported	✓	ROG XG Mobile port	✓
High Dynamic Range (HDR) technology	Dolby Vision	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel® Core™ i9	Keyboard backlit	✓
Processor generation	13th gen Intel® Core™ i9	Keyboard backlit colour	RGB
Processor model *	i9-13900H	Keyboard backlit zone	1-zone RGB
Processor cores	14	Software	
Processor boost frequency	5.4 GHz	Operating system architecture	64-bit
Processor cache	24 MB	Operating system installed *	Windows 11 Home
Configurable TDP-down	35 W		

Memory		Processor special features	
Internal memory *	16 GB	Intel Flex Memory Access	✓
Internal memory type	LPDDR5-SDRAM	Intel Trusted Execution Technology	✓
Memory form factor	On-board	Intel VT-x with Extended Page Tables (EPT)	✓
Memory layout (slots x size)	2 x 8 GB	Intel Stable Image Platform Program (SIPP)	✓
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Storage		CPU configuration (max)	1
Total storage capacity *	1 TB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	1 TB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Battery	
SSD capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	56 Wh
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	130 W
Card reader integrated	✓	AC adapter frequency	50 - 60 Hz
Compatible memory cards	MicroSD (TransFlash)	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	6.5 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Security	
Discrete graphics card memory	6 GB	Windows Hello	✓
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	Intel	Password protection type	BIOS, User
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card model *	Intel Iris Xe Graphics	Width	302 mm
Audio		Depth	206 mm
Audio system	Dolby Atmos	Height (front)	1.29 cm
Number of built-in speakers	2	Height (rear)	1.42 cm
Built-in microphone	✓	Weight *	1.18 kg
Camera			
Front camera	✓		
Front camera resolution (numeric)	13 MP		
Infrared (IR) camera	✓		

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