ASUS ROG Flow Z13 GZ301ZE-LC218W Intel® Core[™] i9 i9-12900H Hybrid (2-in-1) 34 cm (13.4") Touchscreen WQUXGA 16 GB LPDDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: ROG

Product code: 90NR07X1-M00EN0



- Windows 11 Home 64-bit

- Intel Core i9-12900H (24MB Cache)

- 34.0 cm (13.4") WQUXGA 3840 x 2400 IPS Touch, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6)

- 16GB LPDDR5-SDRAM (2 x 8) & 1000GB SSD

Intel Core i9-12900H (24MB Cache), 16GB LPDDR5-SDRAM, 1000GB SSD, 34.0 cm (13.4") WQUXGA 3840 x 2400 IPS Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Flow Z13 GZ301ZE-LC218W. Product type: Hybrid (2-in-1), Form factor: Convertible (Detachable). Processor family: Intel® Core[™] i9, Processor model: i9-12900H. Display diagonal: 34 cm (13.4"), HD type: WQUXGA, Display resolution: 3840 x 2400 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



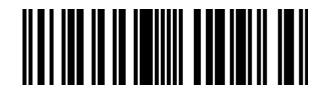




Design		Network	
Colour name Product type * Product colour * Form factor * Market positioning Introduction year Country of origin	Black Hybrid (2-in-1) Black Convertible (Detachable) Gaming 2022 China	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN Bluetooth Bluetooth version	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax) X 2x2 X 5.2
Display		Ports & interfaces	
Touchscreen type Display diagonal * Display resolution * Touchscreen * HD type Panel type Native aspect ratio Display surface Display brightness RGB colour space Colour gamut Display response rise/fall Maximum refresh rate Contrast ratio (typical)	Capacitive 34 cm (13.4") 3840 x 2400 pixels ✓ WQUXGA IPS 16:10 Gloss 500 cd/m ² DCI-P3 85% 30 ms 60 Hz 1000:1	USB 2.0 ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port USB Type-C DisplayPort Alternate Mode USB Power Delivery Keyboard Pointing device Numeric keypad * Keyboard backlit Keyboard backlit colour	1 1 1 ✓ ✓ ✓ ✓ Touchpad × KGB
Processor		Software	
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores	Intel Intel® Core™ i9 12th gen Intel® Core™ i9 i9-12900H 14	Operating system architecture Operating system installed * Processor special features Intel Flex Memory Access Intel Trusted Execution Technology	64-bit Windows 11 Home ✓

Processor		Processor special features	
Processor cache	24 MB	Intel VT-x with Extended Page	
Configurable TDP-down	35 W	Tables (EPT)	✓
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	16 GB	Execute Disable Bit	1
Internal memory type	LPDDR5-SDRAM	CPU configuration (max)	1
Memory form factor	On-board	Embedded options available	×
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	1
Storage		Intel Virtualization Technology (VT-	,
Total storage capacity *	1 TB	x)	v.
Storage media * Total SSDs capacity	SSD 1 TB	Battery	
		Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1 1 TB	Number of battery cells	4
SSD capacity SSD interface NVMe	NVMe, PCI Express 4.0	Battery capacity *	56 Wh
		Power	
SSD form factor	M.2	AC adapter power	100 W
Optical drive type *	×	AC adapter frequency	50 - 60 Hz
Card reader integrated	1	AC adapter input voltage	100 - 240 V
Compatible memory cards	MicroSD (TransFlash)	AC adapter output current	5 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Fingerprint reader	1
Discrete graphics card memory	4 GB	Trusted Platform Module (TPM)	1
Discrete graphics memory type	GDDR6	Password protection	1
On-board graphics card *	1	Password protection type	BIOS, User
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	302 mm
On-board graphics card model * NVIDIA G-SYNC	Intel Iris Xe Graphics	Depth	204 mm
	•	Height	12 mm
Audio		Weight *	1.18 kg
Audio system	Dolby Atmos	Packaging data	
Number of built-in speakers	2	Package width	366 mm
Built-in microphone	~	Package depth	568 mm
Number of microphones	3	Package height	186 mm
Camera		Package weight	6.13 kg
Front camera		Logistics data	
Front camera HD type	HD	Harmonized System (HS) code	84713000
Rear camera Rear camera resolution (numeric)	✓ 8 MP	Commodity Classification	
		Automated Tracking System (CCATS)	8471300000





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