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-

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Product name: GZ301ZE-

- 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



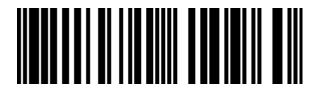






Design		Network	
Colour name Product type * Product colour * Form factor * Market positioning Introduction year Country of origin	Black Hybrid (2-in-1) Black Convertible (Detachable) Gaming 2022 China	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * Antenna type Ethernet LAN Bluetooth 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/m² 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 RGB
Processor		Software	
Processor manufacturer * Processor family * Processor generation Processor model *	Intel Intel® Core™ i9 12th gen Intel® Core™ i9 i9-12900H	Operating system architecture Operating system installed * Processor special features Intel Flex Memory Access	64-bit Windows 11 Home
Processor cores	14	Intel Trusted Execution Technology	1

Processor		Processor special features	
Processor cache Configurable TDP-down	24 MB 35 W	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory * Internal memory type	16 GB LPDDR5-SDRAM	Execute Disable Bit CPU configuration (max)	√ 1
Memory form factor Maximum internal memory *	On-board 16 GB	Embedded options available Intel Virtualization Technology for	×
Storage		Directed I/O (VT-d)	√
Total storage capacity *	1 TB	Intel Virtualization Technology (VT-x)	✓
Storage media * Total SSDs capacity Number of SSDs installed	SSD 1 TB 1	Battery	
		Battery technology Number of battery cells	Lithium-Ion (Li-Ion) 4
SSD capacity SSD interface	1 TB NVMe, PCI Express 4.0	Battery capacity *	56 Wh
NVMe	✓	Power	
SSD form factor Optical drive type * Card reader integrated Compatible memory cards	M.2 ★ ✓ MicroSD (TransFlash)	AC adapter power AC adapter frequency AC adapter input voltage AC adapter output current AC adapter output voltage	100 W 50 - 60 Hz 100 - 240 V 5 A 20 V
Graphics			20 V
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card *	NVIDIA NVIDIA GeForce RTX 3050 Ti 4 GB GDDR6 ✓	Fingerprint reader Trusted Platform Module (TPM) Password protection Password protection type	✓ ✓ ✓ BIOS, User
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card * On-board graphics card model * NVIDIA G-SYNC	✓ Intel Iris Xe Graphics ✓	Width Depth Height	302 mm 204 mm 12 mm
Audio		Weight *	1.18 kg
Audio system	Dolby Atmos	Packaging data	
Number of built-in speakers Built-in microphone	2 √	Package width	366 mm
Number of microphones	3	Package depth Package height	568 mm 186 mm
Camera		Package weight	6.13 kg
Front camera	√	Logistics data	
Front camera HD type Rear camera Rear camera resolution (numeric)	HD ✓ 8 MP	Harmonized System (HS) code Commodity Classification Automated Tracking System (CCATS)	847130000 8471300000





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