

ASUS ROG Zephyrus G16 GU605MV-QR138W Intel Core Ultra 9 185H Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home White

Brand : ASUS

Product family: ROG

Product code: 90NR0IT2-M00640

Product name : GU605MV-QR138W



- Windows 11 Home 64-bit
- Intel Core Ultra 9 185H (24MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 OLED, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB LPDDR5x-SDRAM & 1000GB SSD
Intel Core Ultra 9 185H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 OLED, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit
ASUS ROG Zephyrus G16 GU605MV-QR138W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: White



Design		Graphics	
Colour name	Platinum White	On-board graphics card family	Intel Arc Graphics
Product type *	Laptop	On-board graphics card model *	Intel Arc Graphics
Product colour *	White	Audio	
Form factor *	Clamshell	Audio system	Smart Amp
Market positioning	Gaming	Number of built-in speakers	4
Country of origin	China	Built-in microphone	✓
Display		Number of microphones	3
Display diagonal *	40.6 cm (16")	Camera	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WQXGA	Infrared (IR) camera	✓
Panel type	OLED	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display surface	Gloss	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display brightness	400 cd/m²	Mobile network connection *	✗
Maximum display brightness (HDR)	500 cd/m²	Antenna type	2x2
RGB colour space	DCI-P3	Ethernet LAN	✗
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	240 Hz	Bluetooth version	5.3
High Dynamic Range (HDR) supported	✓	Ports & interfaces	
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor family *	Intel Core Ultra 9	HDMI ports quantity *	1
Processor generation	Intel® Core™ Ultra (Series 1)	HDMI version	2.1
Processor model *	185H	Thunderbolt 4 ports quantity	1
Processor cores	16		
Processor boost frequency	5.1 GHz		

Processor		Ports & interfaces	
Performance cores	6	Intel® Thunderbolt 4	✓
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard	
Performance-core base frequency	2.3 GHz	Pointing device	Touchpad
Efficient-core base frequency	1.8 GHz	Numeric keypad *	✗
Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Software	
Processor base power	45 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	90 Wh
Maximum internal memory *	32 GB	Power	
Storage		AC adapter power	200 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	AC adapter output current	10 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	1 TB	USB Power Delivery (USB PD) *	✓
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
Card reader integrated	✓	Password protection type	BIOS, User
Compatible memory cards	SD	Weight & dimensions	
Graphics		Width	354 mm
Discrete GPU manufacturer	NVIDIA	Depth	246 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Height (front)	1.49 cm
Discrete graphics card memory	8 GB	Height (rear)	1.64 cm
Discrete graphics memory type	GDDR6	Weight *	1.85 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	Intel	Package width	106 mm
Discrete graphics card *	✓	Package depth	335 mm
		Package height	420 mm
		Package weight	28.6 kg
		Packaging content	
		AC adapter included *	✓
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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