

ASUS ROG Zephyrus G16 GU605MV-DS91-CA Intel Core Ultra 9 185H Laptop 40.6 cm (16") WQXGA 16 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: 90NR0IT1-M005X0

Product name : GU605MV-DS91-CA

- 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)
- 16GB (7467MHz) LPDDR5x-SDRAM (2 x 8) & 1000GB SSD
Intel Core Ultra 9 185H (24MB Cache), 16GB 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-DS91-CA. 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: 16 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	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	White	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	NVIDIA G-SYNC	✓
Display resolution *	2560 x 1600 pixels	Audio	
Touchscreen *	✗	Audio system	Smart Amp
HD type	WQXGA	Number of built-in speakers	4
Panel type	OLED	Speaker power	4 W
Native aspect ratio	16:10	Built-in microphone	✓
Display surface	Gloss	Number of microphones	3
RGB colour space	DCI-P3	Camera	
Colour gamut	100%	Front camera	✓
Display response rise/fall	0.2 ms	Front camera resolution	1920 x 1080 pixels
Maximum refresh rate	240 Hz	Front camera HD type	Full HD
Contrast ratio (typical)	1000000:1	Infrared (IR) camera	✓
High Dynamic Range (HDR) supported	✓	Network	
High Dynamic Range (HDR) technology	Dolby Vision	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel Core Ultra 9	Antenna type	2x2
Processor generation	Intel® Core™ Ultra (Series 1)	Ethernet LAN	✗
Processor model *	185H	Bluetooth	✓
Processor cores	16	Bluetooth version	5.3
Processor boost frequency	5.1 GHz	Ports & interfaces	
Performance cores	6	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance-core Max Turbo Frequency	5.1 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2.3 GHz	HDMI ports quantity *	1
Efficient-core base frequency	1.8 GHz	HDMI version	2.1
Processor cache	24 MB	Thunderbolt 4 ports quantity	1
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	45 W	Combo headphone/mic port	✓
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Maximum frequency NPU	1.4 GHz	Numeric keypad *	✗
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard backlit colour	RGB
AI datatype support on NPU	FP16, FP32, Int8	Keyboard backlit zone	1-zone RGB
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.), McAfee 30 days
Internal memory type	LPDDR5x-SDRAM		
Memory clock speed	7467 MHz		
Memory form factor	On-board		
Maximum internal memory *	16 GB	Operating system installed *	Windows 11 Home
Memory channels	Dual-channel	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	1 TB	Fast charging	✓
Number of SSDs installed	1	Fast charging time (50%)	30 min
SSD capacity	1 TB	Power	
SSD interface	PCI Express 4.0	AC adapter power	200 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	10 A
Card reader integrated	✓	AC adapter output voltage	20 V
Compatible memory cards	SD	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Face recognition	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Windows Hello	✓
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Password protection	✓
		Password protection type	BIOS, User
		Weight & dimensions	
		Width	354 mm
		Depth	246 mm
		Height (front)	1.49 cm
		Height (rear)	1.64 cm
		Weight *	1.85 kg



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Catalog Object Cloud



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