

ASUS ROG Zephyrus G16 GU605MV-QP101W Intel Core Ultra 7 155H Laptop 40.6 cm (16") 2.5K 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: ROG

Product code: 90NR0IT3-M005U0

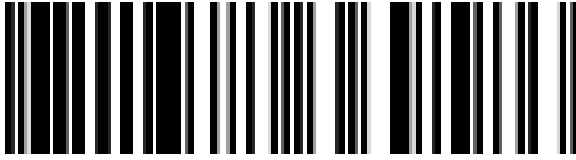
Product name : GU605MV-QP101W

- Windows 11 Home 64-bit
 - Intel Core Ultra 7 155H (24MB Cache)
 - 40.6 cm (16") 2.5K 2560 x 1600 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 16GB LPDDR5x-SDRAM & 1000GB SSD
 Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 2.5K 2560 x 1600 IPS, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit
 ASUS ROG Zephyrus G16 GU605MV-QP101W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40.6 cm (16"), HD type: 2.5K, 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: Grey

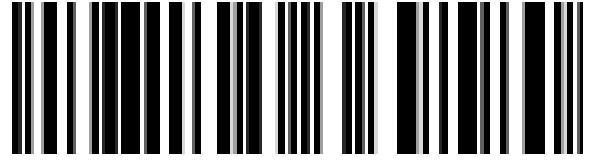


Design		Graphics	
Colour name	Eclipse Gray	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Grey	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card model *	Intel Arc Graphics
Market positioning	Gaming	NVIDIA G-SYNC	✓
Introduction year	2024	Audio	
Display		Audio system	Dolby Atmos
Display diagonal *	40.6 cm (16")	Number of built-in speakers	4
Display resolution *	2560 x 1600 pixels	Built-in microphone	✓
Touchscreen *	✗	Number of microphones	3
HD type	2.5K	Camera	
Panel type	IPS	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1920 x 1080 pixels
Display surface	Gloss	Front camera HD type	Full HD
Display brightness	500 cd/m ²	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display response rise/fall	3 ms	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Maximum refresh rate	240 Hz	Mobile network connection *	✗
Contrast ratio (typical)	1200:1	Antenna type	2x2
High Dynamic Range (HDR) supported	✓	Ethernet LAN	✗
High Dynamic Range (HDR) technology	Dolby Vision	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	155H	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	16	HDMI ports quantity *	1
Processor boost frequency	4.8 GHz	HDMI version	2.1
Performance cores	6	Thunderbolt 4 ports quantity	1
Efficient cores	8	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	1.4 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.8 GHz	Combo headphone/mic port	✓
Performance-core base frequency	4.8 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	0.9 GHz	USB Power Delivery	✓
Processor cache	24 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor base power	28 W	Keyboard layout	AZERTY
Maximum turbo power	115 W	Keyboard language	Belgian
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Maximum frequency NPU	1.4 GHz	Keyboard backlit colour	White
Sparsity support	✓	Software	
Windows Studio effects support	✓	Operating system architecture	64-bit
AI datatype support on NPU	FP16, FP32, Int8	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Home 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.)
Memory		Bundled software	
Internal memory *	16 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	16 GB	Battery capacity *	90 Wh
Memory channels	Dual-channel	Fast charging	✓
Storage		Fast charging time (50%)	30 min
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	200 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	AC adapter output current	10 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	Security	
SSD form factor	M.2	Face recognition	✓
Optical drive type *	✗	Windows Hello	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	SD	Password protection	✓
Graphics		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Width	354 mm
Discrete graphics card memory	8 GB	Depth	246 mm
		Height (front)	1.62 cm
		Height (rear)	1.72 cm
		Weight *	1.85 kg



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