

ASUS ROG Zephyrus G16 GU605MI-QR038W-BE Intel Core Ultra 7 155H Laptop 40.6 cm (16") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey, Black



Brand : ASUS

Product family: ROG

Product code: 90NR0IS1-M004Z0

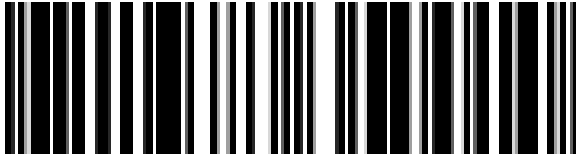
Product name : GU605MI-QR038W-BE

- Windows 11 Home 64-bit
 - Intel Core Ultra 7 155H (24MB Cache)
 - 40.6 cm (16") WQXGA 2560 x 1600 OLED, NVIDIA GeForce RTX 4070 (8GB GDDR6)
 - 16GB (7467MHz) LPDDR5x-SDRAM & 1000GB SSD
 Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 OLED, Intel Arc Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit
 ASUS ROG Zephyrus G16 GU605MI-QR038W-BE. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. 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 4070. Operating system installed: Windows 11 Home. Product colour: Grey, Black

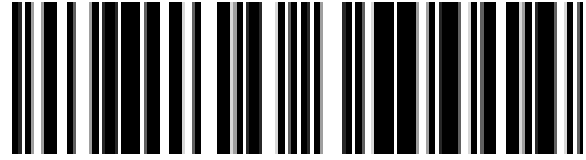


Design		Graphics	
Colour name	Eclipse Gray	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Grey, Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card model *	Intel Arc Graphics
Introduction year	2024	NVIDIA G-SYNC	✓
Display		Audio	
Display diagonal *	40.6 cm (16")	Audio system	Smart Amp
Display resolution *	2560 x 1600 pixels	Speaker power	4 W
Touchscreen *	✗	Built-in microphone	✓
HD type	WQXGA	Number of microphones	3
Panel type	OLED	Camera	
Native aspect ratio	16:10	Front camera	✓
Display surface	Gloss	Front camera resolution	1920 x 1080 pixels
Display brightness	500 cd/m ²	Front camera HD type	Full HD
RGB colour space	DCI-P3	Infrared (IR) camera	✓
Colour gamut	100%	Network	
Display response rise/fall	0.2 ms	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum refresh rate	240 Hz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Contrast ratio (typical)	1000000:1	Mobile network connection *	✗
High Dynamic Range (HDR) supported	✓	Antenna type	2x2
High Dynamic Range (HDR) technology	Dolby Vision	Ethernet LAN	✗
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel Core Ultra 7	Ports & interfaces	
Processor model *	155H	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor boost frequency	4.8 GHz	HDMI ports quantity *	1
Performance cores	6	HDMI version	2.1
Efficient cores	8	Thunderbolt 4 ports quantity	1
Performance-core Max Turbo Frequency	4.8 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.8 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	1.4 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	0.9 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	24 MB	USB Power Delivery	✓
Processor cache type	Smart Cache	Keyboard	
Processor base power	28 W	Pointing device	Touchpad
Maximum turbo power	115 W	Keyboard layout	AZERTY
Neural processor unit (NPU)		Keyboard language	Belgian
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✗
Maximum frequency NPU	1.4 GHz	Keyboard backlit	✓
Sparsity support	✓	Keyboard backlit colour	White
Windows Studio effects support	✓	Software	
AI datatype support on NPU	FP16, FP32, Int8	Operating system architecture	64-bit
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	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.)	
Internal memory type	LPDDR5x-SDRAM	Bundled software	
Memory clock speed	7467 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	90 Wh
Storage		Fast charging	✓
Total storage capacity *	1 TB	Fast charging time (50%)	30 min
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	200 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	10 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	Security	
Optical drive type *	✗	Face recognition	✓
Card reader integrated	✓	Windows Hello	✓
Compatible memory cards	SD	Trusted Platform Module (TPM)	✓
Graphics		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	354 mm
		Depth	246 mm
		Height (front)	1.49 cm
		Height (rear)	1.64 cm
		Weight *	1.85 kg



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