



# ASUS ROG Zephyrus G16 GU605MI-QR078W Laptop 40.6 cm (16") WQXGA Intel Core Ultra 9 185H 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0IS1-M00340

Product name : GU605MI-QR078W



- Windows 11 Home 64-bit  
 - Intel Core Ultra 9 185H (24MB Cache)  
 - 40.6 cm (16") WQXGA 2560 x 1600 OLED, NVIDIA GeForce RTX 4070 (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 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS ROG Zephyrus G16 GU605MI-QR078W. 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 4070. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Graphics	
Colour name	Eclipse Gray	On-board graphics card family	Intel Arc Graphics
Product type *	Laptop	On-board graphics card model *	Intel Arc Graphics
Product colour *	Grey	Discrete graphics card memory	8 GB
Form factor *	Clamshell	Discrete graphics memory type	GDDR6
Market positioning	Gaming	Audio	
Display		Number of built-in speakers	4
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Number of microphones	3
Touchscreen *	✗	Camera	
HD type	WQXGA	Front camera	✓
Panel type	OLED	Front camera HD type	Full HD
Native aspect ratio	16:10	Infrared (IR) camera	✓
Display surface	Gloss	Network	
Display brightness	400 cd/m <sup>2</sup>	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum display brightness (HDR)	500 cd/m <sup>2</sup>	Wi-Fi standards	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	Antenna type	2x2
Maximum refresh rate	240 Hz	Bluetooth	✓
High Dynamic Range (HDR) supported	✓	Bluetooth version	5.3
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	Intel Core Ultra (Series 1)	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 model *	185H	HDMI version	2.1
Efficient-core base frequency	1.8 GHz	Thunderbolt 4 ports quantity	1
Processor boost frequency	5.1 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.3 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient-core Max Turbo Frequency	3.8 GHz	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	16	USB Power Delivery	✓
Performance cores	6	<b>Keyboard</b>	
Efficient cores	8	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	45 W	<b>Software</b>	
Maximum turbo power	115 W	Operating system architecture	64-bit
<b>Memory</b>		Operating system installed *	Windows 11 Home
Internal memory *	32 GB	<b>Battery</b>	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	90 Wh
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	1 TB	AC adapter power	200 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	10 A
SSD capacity	1 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	<b>Security</b>	
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	<b>Weight &amp; dimensions</b>	
<b>Graphics</b>		Width	354 mm
Discrete GPU manufacturer	NVIDIA	Depth	246 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Height (front)	1.49 cm
On-board graphics card *	✓	Height (rear)	1.64 cm
On-board GPU manufacturer	Intel	Weight *	1.85 kg
Discrete graphics card *	✓	<b>Other features</b>	
		AC adapter included	✓



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