

ASUS ROG Zephyrus G16 GU605MZ-DS92-CA Intel Core Ultra 9 185H Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: ROG

Product code: 90NR0IR5-M00430

Product name : GU605MZ-DS92-CA

- Windows 11 Home 64-bit
 - Intel Core Ultra 9 185H (24MB Cache)
 - 40.6 cm (16") WQXGA 2560 x 1600, NVIDIA GeForce RTX 4080 (12GB GDDR6)
 - 32GB LPDDR5x-SDRAM (2 x 16) & 2000GB SSD
 Intel Core Ultra 9 185H (24MB Cache), 32GB LPDDR5x-SDRAM, 2000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600, Intel Arc Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit
 ASUS ROG Zephyrus G16 GU605MZ-DS92-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: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4080. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Graphics	
Colour name	Eclipse Gray	Discrete graphics card memory	12 GB
Product type *	Laptop	Discrete graphics memory type	GDDR6
Product colour *	Grey	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Market positioning	Gaming	Discrete graphics card *	✓
Display		On-board graphics card family	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	On-board graphics card model *	Intel Arc Graphics
Display resolution *	2560 x 1600 pixels	NVIDIA G-SYNC	✓
Touchscreen *	✗	Audio	
HD type	WQXGA	Number of built-in speakers	4
Native aspect ratio	16:10	Built-in microphone	✓
RGB colour space	DCI-P3	Number of microphones	3
Colour gamut	100%	Camera	
Maximum refresh rate	240 Hz	Front camera	✓
High Dynamic Range (HDR) supported	✓	Front camera resolution	1920 x 1080 pixels
High Dynamic Range (HDR) technology	Dolby Vision	Front camera HD type	Full HD
Processor		Infrared (IR) camera	✓
Processor manufacturer *	Intel	Network	
Processor family *	Intel Core Ultra 9	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor generation	Intel® Core™ Ultra (Series 1)	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor model *	185H	Mobile network connection *	✗
Processor threads	22	Antenna type	2x2
Processor boost frequency	5.1 GHz	Ethernet LAN	✗
Performance cores	6	Bluetooth	✓
Efficient cores	8	Bluetooth version	5.3
Low Power Efficient-cores	2		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	HDMI ports quantity *	1
Performance-core base frequency	2.3 GHz	HDMI version	2.1
Efficient-core base frequency	1.8 GHz	Thunderbolt 4 ports quantity	1
Low Power Efficient-core Base Frequency	1000 MHz	Intel® Thunderbolt 4	✓
Processor cache	24 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	45 W	Keyboard	
Maximum turbo power	115 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✗
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Maximum frequency NPU	1.4 GHz	Keyboard backlit colour	RGB
Sparsity support	✓	Keyboard backlit zone	1-zone RGB
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system architecture	64-bit
Memory		Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	32 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	90 Wh
Storage		Power	
Total storage capacity *	2 TB	AC adapter power	240 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	2 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	12 A
SSD capacity	2 TB	AC adapter output voltage	20 V
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
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 4080	Width	354 mm
		Depth	246 mm
		Height (front)	1.49 cm
		Height (rear)	1.74 cm
		Weight *	1.95 kg



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Catalog Object Cloud



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