

ASUS ROG Zephyrus G16 GU605CX-QR106W Intel Core Ultra 9 285H Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0M65-M006D0

Product name : GU605CX-QR106W

- Windows 11 Home 64-bit
 - Intel Core Ultra 9 285H (24MB Cache)
 - 40.6 cm (16") WQXGA 2560 x 1600 OLED, NVIDIA GeForce RTX 5090 (24GB GDDR7)
 - 32GB LPDDR5x-SDRAM (1 x 32) & 2000GB SSD
- Intel Core Ultra 9 285H (24MB Cache), 32GB LPDDR5x-SDRAM, 2000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 OLED, Intel Arc 140T, NVIDIA GeForce RTX 5090 (24GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Zephyrus G16 GU605CX-QR106W Intel Core Ultra 9 285H Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA GeForce RTX 5090 Wi-Fi 7 (802.11be) Windows 11 Home Grey:

ROG ZEPHYRUS G16 (GU605)

Performance

The Dawn of A New Age

The 2025 Zephyrus G16 and Windows 11 Pro make gaming, creation, and everything in between a breeze. Featuring an Intel® Core™ Ultra 9 processor 285H and up to an NVIDIA® GeForce RTX™ 5090 Laptop GPU, this 16-inch machine can easily handle the latest games and cutting-edge creative software alike. The Zephyrus G16 can effortlessly transcribe voice notes into text documents, save valuable time during a video render, and play the latest AAA games at blazingly fast refresh rates. The future is here.

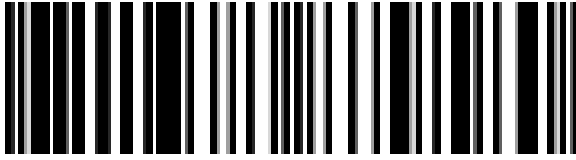
Design		Graphics	
Colour name	Eclipse Gray	Discrete graphics card memory	24 GB
Product type *	Laptop	Discrete graphics memory type	GDDR7
Product colour *	Grey	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Housing material	Aluminium	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card family	Intel Arc Graphics
Introduction year	2025	On-board graphics card model *	Intel Arc 140T
Display		NVIDIA G-SYNC	✓
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	2560 x 1600 pixels	Audio system	Dolby Atmos
Touchscreen *	✗	Number of built-in speakers	4
HD type	WQXGA	Built-in microphone	✓
Panel type	OLED	Number of microphones	3
Native aspect ratio	16:10	Camera	
Display surface	Gloss	Front camera	✓
Display brightness	400 cd/m ²	Front camera HD type	Full HD
Maximum display brightness (HDR)	500 cd/m ²	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum refresh rate	240 Hz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Contrast ratio (typical)	1000000:1	Mobile network connection *	✗
High Dynamic Range (HDR) supported	✓	Antenna type	2x2
High Dynamic Range (HDR) technology	Dolby Vision	Bluetooth	✓
Processor		Bluetooth version	5.4
Processor manufacturer *	Intel		
Processor family *	Intel Core Ultra 9		

Processor		Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	285H	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	16	HDMI ports quantity *	1
Processor threads	16	HDMI version	2.1
Processor boost frequency	5.4 GHz	Thunderbolt 4 ports quantity	1
Performance cores	6	Intel® Thunderbolt 4	✓
Efficient cores	8	Combo headphone/mic port	✓
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	5.4 GHz	Keyboard	
Efficient-core Max Turbo Frequency	4.5 GHz	Pointing device	Touchpad
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard layout	AZERTY
Performance-core base frequency	2.9 GHz	Keyboard language	Belgian
Efficient-core base frequency	2.7 GHz	Numeric keypad *	✗
Low Power Efficient-core Base Frequency	1000 MHz	Keyboard backlit	✓
Processor cache	24 MB	Keyboard backlit colour	RGB
Processor base power	45 W	Keyboard backlit zone	1-zone RGB
Maximum turbo power	115 W	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
Neural processor unit (NPU)	Intel AI Boost	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Sparsity support	✓	Operating system installed *	Windows 11 Home
Windows Studio effects support	✓	Bundled software	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery	
Total processor performance up to	99 TOPs	Battery technology	Lithium-Ion (Li-Ion)
NPU performance up to	13 TOPs	Number of battery cells	4
GPU performance up to	77 TOPs	Battery capacity *	90 Wh
Memory		Fast charging	✓
Internal memory *	32 GB	Fast charging time (50%)	30 min
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	240 W
Memory layout (slots x size)	1 x 32 GB	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Memory channels	Dual-channel	AC adapter output current	12 A
Storage		AC adapter output voltage	20 V
Total storage capacity *	2 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	2 TB	Security	
Number of SSDs installed	1	Windows Hello	✓
SSD capacity	2 TB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Password protection	✓
NVMe	✓	Password protection type	BIOS, User
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	354 mm
Card reader integrated	✓	Depth	246 mm
Compatible memory cards	SD	Height (front)	1.49 cm
Graphics		Height (rear)	1.74 cm
Discrete GPU manufacturer	NVIDIA	Weight *	1.95 kg
Discrete graphics card model *	NVIDIA GeForce RTX 5090		

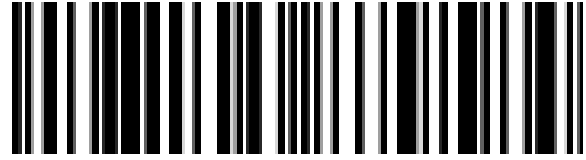
Packaging content

AC adapter included *





4711387879580



0197105879584



197105879584

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.