

# 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 Grijs

**Merk :** ASUS

**Productfamilie:** ROG

**Artikelcode:** 90NR0M65-M006D0

**Productnaam :** 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 Grijs:

Prestaties

## De dageraad van een nieuw tijdperk

De 2025 Zephyrus G16 en Windows 11 Pro maken gamen, creëren en alles daartussenin een fluitje van een cent. Met een Intel® Core™ Ultra 9 processor 285H en tot een NVIDIA® GeForce RTX™ 5090 Laptop GPU kan deze 16" machine moeiteloos zowel de nieuwste games als geavanceerde creatieve software aan. De Zephyrus G16 kan moeiteloos spraaknotities omzetten in tekstdocumenten, kostbare tijd besparen tijdens het renderen van video's en de nieuwste AAA-games spelen met razendsnelle verversingssnelheden. De toekomst is hier.



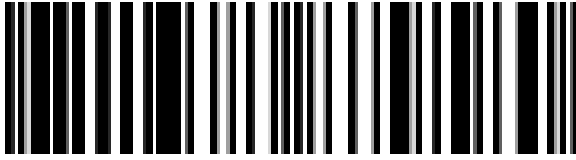
Design		Graphics	
Colour name	Eclipse Gray	Discrete graphics card memory	24 GB
Product type *	Laptop	Discrete graphics memory type	GDDR7
Product colour *	Grey	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Housing material	Aluminium	Discrete graphics card *	✓
Market 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 <sup>2</sup>	Front camera HD type	Full HD
Maximum display brightness (HDR)	500 cd/m <sup>2</sup>	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		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
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	<b>Keyboard</b>	
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	<b>Software</b>	
<b>Neural processor unit (NPU)</b>		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	<b>Battery</b>	
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
<b>Memory</b>		Fast charging	✓
Internal memory *	32 GB	Fast charging time (50%)	30 min
Internal memory type	LPDDR5x-SDRAM	<b>Power</b>	
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
<b>Storage</b>		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	<b>Security</b>	
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	<b>Weight &amp; dimensions</b>	
Optical drive type *	✗	Width	354 mm
Card reader integrated	✓	Depth	246 mm
Compatible memory cards	SD	Height (front)	1.49 cm
<b>Graphics</b>		Height (rear)	1.74 cm
Discrete GPU manufacturer	NVIDIA	Weight *	1.95 kg
Discrete graphics card model *	NVIDIA GeForce RTX 5090		

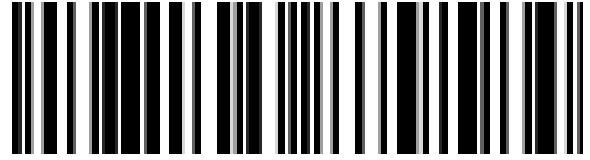
**Packaging content**

AC adapter included \*





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