

ASUS ROG Zephyrus G16 GA605KH-QR017W Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 7 (802.11be) Windows 11 Home Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0N11-M000Y0

Product name : GA605KH-QR017W



AMD Ryzen AI 7 350 (2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 2.5K 2560 x 1600 OLED, AMD Radeon 860M, NVIDIA GeForce RTX 5050 (8GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

ASUS ROG Zephyrus G16 GA605KH-QR017W Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 7 (802.11be) Windows 11 Home Grey:



ROG ZEPHYRUS G16 (GA605)
Performance Meets Precision

Performance

The Dawn of A New Age

Game and create with ease on this Windows 11 Home powered machine. Featuring an AMD Ryzen™ AI 7 350 processor and an NVIDIA® GeForce RTX™ 5050 Laptop GPU, this 16-inch machine can easily handle the latest games and creative software. Cutting-edge AI features powered by AMD Ryzen™ AI and NVIDIA GeForce RTX™, as well as Microsoft Copilot for enhanced day-to-day productivity. As a certified Copilot+ PC, this machine is ready for all kinds of AI operations, offering better productivity and gaming utility with less power usage.

Design		Audio	
Colour name	Eclipse Gray	Number of microphones	3
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera HD type	Full HD
Housing material	Aluminium	Infrared (IR) camera	✓
Market positioning	Gaming	Network	
Country of origin	China	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display		Wi-Fi standards	Wi-Fi 7 (802.11be)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	2560 x 1600 pixels	Antenna type	2x2
Touchscreen *	✗	Bluetooth	✓
HD type	2.5K	Bluetooth version	5.4
Panel type	OLED	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display surface	Gloss	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	500 cd/m²	USB4 Gen 3x2 ports quantity	1
RGB colour space	DCI-P3	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Maximum refresh rate	240 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000000:1	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) supported	✓	Keyboard	
High Dynamic Range (HDR) technology	Dolby Vision	Pointing device	Touchpad
Processor		Numeric keypad *	✗
Processor manufacturer *	AMD		
Processor family *	AMD Ryzen™ AI 7		
Processor generation	AMD Ryzen AI 300 Series		

Processor		Keyboard	
Processor model *	350	Keyboard backlit	✓
Processor cores	8	Copilot key	✓
Processor threads	16	Software	
Processor boost frequency	5 GHz	Operating system architecture	64-bit
Processor frequency *	2 GHz	Microsoft Copilot	✓
Processor cache type	L2 & L3	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Neural processor unit (NPU)		Operating system installed *	Windows 11 Home
Copilot+ PC	✓	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.)
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	66 TOPs		
NPU performance up to	50 TOPs		
Memory			
Internal memory *	32 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	7500 MHz	Number of battery cells	4
Memory form factor	On-board	Battery capacity *	90 Wh
Maximum internal memory *	32 GB	Fast charging	✓
Memory channels	Dual-channel	Fast charging time (50%)	30 min
Storage		Power	
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	USB Type-C charging port *	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
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	Sustainability	
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Sustainability certificates	ENERGY STAR
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR7	Width	354 mm
On-board graphics card *	✓	Depth	246 mm
On-board GPU manufacturer	AMD	Height (front)	1.49 cm
Discrete graphics card *	✓	Height (rear)	1.64 cm
On-board graphics card family	AMD Radeon	Weight *	1.85 kg
On-board graphics card model *	AMD Radeon 860M	Packaging data	
NVIDIA G-SYNC	✓	Package width	98 mm
Audio		Package depth	568 mm
Audio system	Dolby Atmos	Package height	345 mm
Number of built-in speakers	4	Package weight	4.63 kg
Built-in microphone	✓	Packaging content	
		AC adapter included *	✓
Logistics data			
		Commodity Classification Automated Tracking System (CCATS)	8471300000



4711387985823



0197105985827



197105985827

Catalog Object Cloud



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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.