

ASUS ROG Zephyrus G16 GA605KH-QR011W AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 7 (802.11be) Windows 11 Home German White



Brand : ASUS

Product family: ROG

Product code: 90NR0N12-M000F0

Product name : GA605KH-QR011W

- Windows 11 Home 64-bit
- AMD Ryzen AI 7 350 (2GHz)
- 40.6 cm (16") WQXGA 2560 x 1600 OLED, NVIDIA GeForce RTX 5050 (8GB GDDR7)
- 16GB LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen AI 7 350 (2GHz), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 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-QR011W AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 7 (802.11be) Windows 11 Home German White:

PERFORMANCE MEETS PRECISION

The Future Is Here

Game and create with ease on this Windows 11 Pro powered machine. Featuring an AMD Ryzen™ AI 9 HX 370 processor with AI accelerators and NVIDIA® GeForce RTX™ 4070 Laptop GPU, this 16-inch machine can easily handle the latest games and cutting-edge creative software alike. Whether you're in a video call, editing a video, or in a next generation game, AI is working tirelessly behind the scenes to improve your experience.

Design		Audio	
Colour name	Platinum White	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	4
Product colour *	White	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	3
Market positioning	Gaming	Camera	
Introduction year	2025	Front camera	✓
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Network	
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	OLED	Wi-Fi standards	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Mobile network connection *	✗
Display brightness	550 cd/m²	Antenna type	2x2
RGB colour space	DCI-P3	Ethernet LAN	✗
Colour gamut	100%	Bluetooth	✓
Display response rise/fall	0.2 ms	Bluetooth version	5.4
Maximum refresh rate	240 Hz	Ports & interfaces	
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
High Dynamic Range (HDR) technology	Dolby Vision	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor		USB4 Gen 3x2 ports quantity	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor family *	AMD Ryzen™ AI 7	HDMI version	2.1
Processor generation	AMD Ryzen AI 300 Series	Combo headphone/mic port	✓
Processor model *	350		

Processor		Ports & interfaces	
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	16	Keyboard	
Processor boost frequency	5 GHz	Pointing device	Touchpad
Processor frequency *	2 GHz	Numeric keypad *	✗
Processor cache type	L2 & L3	Keyboard backlit	✓
L3 cache	16 MB	Keyboard layout	QWERTZ
L2 cache	8 MB	Keyboard language	German
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	AMD Ryzen AI	Operating system architecture	64-bit
Total processor performance up to	66 TOPs	Operating system installed *	Windows 11 Home
NPU performance up to	50 TOPs	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Number of battery cells	4
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	90 Wh
Memory form factor	On-board	Fast charging	✓
Maximum internal memory *	16 GB	Fast charging time (50%)	30 min
Memory channels	Dual-channel	Power	
Storage		AC adapter power	200 W
Total storage capacity *	1 TB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	AC adapter output current	10 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	1 TB	USB Type-C charging port *	✓
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™ 5050	Width	354 mm
Discrete graphics card memory	8 GB	Depth	246 mm
Discrete graphics memory type	GDDR7	Height (front)	1.49 cm
On-board graphics card *	✓	Height (rear)	1.64 cm
On-board GPU manufacturer	AMD	Weight *	1.85 kg
Discrete graphics card *	✓	Packaging data	
On-board graphics card family	AMD Radeon	Package width	568 mm
On-board graphics card model *	AMD Radeon 860M	Package depth	98 mm
		Package height	345 mm
		Package weight	2.1 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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