

ASUS ROG Zephyrus G16 GA605KM-QR003W AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 7 (802.11be) Windows 11 Home German Grey

Brand : ASUS

Product family: ROG

Product code: 90NR0NE1-M00030

Product name : GA605KM-QR003W

AMD Ryzen AI 7 350 (24MB Cache, 2GHz), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 OLED, AMD Radeon 860M, NVIDIA GeForce RTX 5060 (8GB GDDR7), WLAN, Webcam, Windows 11 Home 64-bit

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ROG ZEPHYRUS G16 (GA605)

Performance Meets Precision

Performance

The Dawn of A New Age

Game and create with ease on this Windows 11 Pro powered machine. Featuring an AMD Ryzen™ AI 7 350 processor and an NVIDIA® GeForce RTX™ 5070 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		Graphics	
Colour name	Eclipse Gray	NVIDIA G-SYNC	✓
Product type *	Laptop	Audio	
Product colour *	Grey	Audio system	Dolby Atmos
Form factor *	Clamshell	Number of built-in speakers	4
Housing material	Aluminium	Built-in microphone	✓
Market positioning	Gaming	Number of microphones	3
Display		Camera	
Display diagonal *	40.6 cm (16")	Front camera	✓
Display resolution *	2560 x 1600 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	WQXGA	Network	
Panel type	OLED	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 7 (802.11be)
Display surface	Gloss	Mobile network connection *	✗
Display brightness	550 cd/m²	Antenna type	2x2
Display diagonal (metric)	40.6 cm	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.4
Colour gamut	100%	Ports & interfaces	
Maximum refresh rate	240 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
High Dynamic Range (HDR) supported	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
High Dynamic Range (HDR) technology	Dolby Vision	USB4 Gen 3x2 ports quantity	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen™ AI 7	Combo headphone/mic port	✓
Processor generation	AMD Ryzen AI 300 Series		
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	24 MB	Keyboard backlit	✓
Processor cache type	L2 & L3	Keyboard layout	QWERTZ
Neural processor unit (NPU)		Keyboard language	German
Neural processor unit (NPU)	AMD Ryzen AI	Copilot key	✓
Total processor performance up to	66 TOPs	Software	
NPU performance up to	50 TOPs	Operating system architecture	64-bit
Memory		Trial software	Microsoft 365 (30-day trial)
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory clock speed	7467 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Number of battery cells	4
Maximum internal memory *	16 GB	Battery capacity *	90 Wh
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	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Password protection	✓
Compatible memory cards	SD	Password protection type	BIOS, User
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	354 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Depth	246 mm
Discrete graphics card memory	8 GB	Height (front)	1.49 cm
Discrete graphics memory type	GDDR7	Height (rear)	1.64 cm
On-board graphics card *	✓	Weight *	1.85 kg
On-board GPU manufacturer	AMD	Packaging data	
Discrete graphics card *	✓	Package width	568 mm
On-board graphics card family	AMD Radeon	Package depth	98 mm
On-board graphics card model *	AMD Radeon 860M	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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