

GA605WV-QR053W - Model Specification

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FULL DETAIL

Part No	90NR0JA1-M00550
Model Name	GA605WV-QR053W
EAN Code	4711387675137
UPC Code	197105675131
WEEE	2.586
BASE UNIT	VSNR0JA1-BU1110
Marketing Name	ROG Zephyrus G16 (AMD)
Color	Eclipse Gray
Dimension (W x D x H)	35.4 x 24.6 x 1.49 ~ 1.64 cm (13.94in x 9.69in x 0.59in ~ 0.65in)
Weight	1.85 Kg (4.08 lbs)
Processor	AMD Ryzen AI 9 HX 370 Processor 2.0GHz (36MB Cache, up to 5.1GHz, 12 cores, 24 Threads); AMD P
Discrete/Optimus	MUX Switch + NVIDIA Advanced Optimus
Graphic	NVIDIA GeForce RTX 4060 Laptop GPU
Graphic Memory	8GB GDDR6
Intergrated GPU	AMD Radeon Graphics
Neural Processor	XDNA up to 50TOPs
Panel Size	16-inch
Resolution	2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio
Refresh Rate	240Hz
Response Time (G2G)	0.2ms
Viewing Angle	89/89/89/89
Panel Tech	OLED
Brightness	500 nits
Contrast	1,000,000:1
DCI-P3 %	100%
Anti glare	Glossy display
Adaptive-Sync technology	G-Sync / Adaptive-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
On board memory	16GB*2 LPDDR5X on board
Total System Memory	LPDDR5X 32GB
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
System Storage Installed	1TB PCIe 4.0 NVMe M.2 SSD
M.2 slots support either SATA or N 2	
M.2 SSD Support List	512GB M.2 NVMe PCIe 4.0 SSD_x000D_ 1TB M.2 NVMe PCIe 4.0 SSD_x000D_ 2TB M.2 NVMe PCIe 4.0 SSD
Expansion Slot (includes used)	2x PCIe
Wi-Fi/Bluetooth	Wi-Fi 7(802.11be) (Triple band) 2*2+Bluetooth 5.4 Wireless Card (*Bluetooth version may change with C
I/O Ports	1x Type C USB 4 support DisplayPort / power delivery 1x USB 3.2 Gen 2 Type-C support DisplayPort / power delivery 2x USB 3.2 Gen 2 Type-A 1x card reader (SD Card) (SD Express 7.0)

Display output	1x HDMI 2.1 FRL
Audio	1x 3.5mm Combo Audio Jack
Camera	1080P FHD IR Camera for Windows Hello
Mic	Built-in 3-microphone array
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB With Copilot key_x000D_ *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select gl varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=
Aura Sync	Yes
Speakers	4-speaker (dual force woofer) system with Smart Amplifier Technology, 2 Tweeters
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Smart Amp Technology
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Antivirus	McAfee 30 days free trial
Xbox Game Pass	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets f Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Security	BIOS Administrator Password and User Password Protection Pluton Security Processor Secured-core PC (Level 3) Trusted Platform Module (Firmware TPM)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	Rectangle Conn, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal
Reparability Index (for FR)	??