

# GU605MY-QR098X - Model Specification

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## FULL DETAIL

Part No	90NR0IQ5-M00540
Model Name	GU605MY-QR098X
TTV	2024-01-08
End of Production	2024-12-31
EAN Code	4711387447888
UPC Code	197105447882
WEEE	2.693
BASE UNIT	VSNR0IQ5-BU1101
Marketing Name	ROG Zephyrus G16
Color	Eclipse Gray
Dimension (W x D x H)	35.4 x 24.6 x 1.49 ~ 1.74 cm (13.94in x 9.69in x 0.59in ~ 0.69in )
Weight	1.95 Kg (4.30 lbs)
Processor	Intel Meteor Lake i9-14***H
Discrete/Optimus	MUX Switch + NVIDIA Advanced Optimus
Graphic	NVIDIA GeForce RTX 4090 Laptop GPU
Graphic Memory	16GB GDDR6
IGPU	Intel Iris X Graphics (Intel Iris X Graphics in Dual Channel; Intel UHD Graphics in Single Channel)
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	500nits
Contrast	1,000,000:1
DCI-P3 %	100%
Anti glare	Glossy display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
On board memory	16GB*2 LPDDR5X 7467 on board(Rated speed of RAM module. Actual memory speeds may vary by CPU)
Total System Memory	LPDDR5X 32GB
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
System Storage Installed	2TB PCIe 4.0 NVMe M.2 Performance SSD
M.2 slots support either SATA or N 2	
M.2 SSD Support List	PCIe G4_x000D_ SSD M.2 2280 512G_x000D_ SSD M.2 2280 1TB_x000D_ SSD M.2 2280 2TB
Expansion Slot (includes used)	2x PCIe
Wi-Fi/Bluetooth	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth 5.3 Wireless Card (*Bluetooth version may change with
I/O Ports	1x Thunderbolt 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) (UHS-II, 312MB/s)
Display output	1x HDMI 2.1 FRL
Audio	1x 3.5mm Combo Audio Jack
Webcam	1080P FHD IR Camera for Windows Hello
Mic	Built-in 3-microphone array
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
Aura Sync	Yes
Speakers	4-speaker (dual force woofer) system with Smart Amplifier Technology
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification Smart Amp Technology
Operating System	Windows 11 Pro
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 for eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal