



Part No	90NR0M65-M00690
Sales Model Name	GU605CX-U92AO59CB1
EAN Code	4711387894323
UPC Code	197105894327
Marketing Name	ROG Zephyrus G16
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Color	Eclipse Gray
Dimension (W x D x H)	35.4 x 24.6 x 1.49 ~ 1.74 cm (13.94" x 9.69" x 0.59" ~ 0.69")
Weight	1.95 Kg (4.30 lbs)
Processor	Intel® Core™ Ultra 9 Processor 285H 2.9 GHz (24MB Cache, up to 5.4 GHz, 16 cores, 16 Threads); Intel® AI Boost NPU up to 13TOPS
Chipset	N/A
Integrated GPU	Intel® Arc™ Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 5090 Laptop GPU
Graphic Memory	24GB GDDR7
Neural Processor	Intel® AI Boost NPU up to 13TOPS
Panel Size	16-inch
Resolution	2.5K (2560 x 1600, WQXGA) OLED 16:10 aspect ratio
Refresh Rate	240Hz
Viewing Angle	89/89/89/89
Panel Tech	OLED
Brightness	500 nits (Peak)
Contrast Ratio	1,000,000:1
DCI-P3 %	100%
Glare	Glossy display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
On board memory	64GB LPDDR5X 7467 on board(Actual memory speeds may vary by CPU configuration.)
Total System Memory	LPDDR5X 64GB
Memory Slot	N/A
Memory Max.	64GB

Multi-channel memory technology	Support dual channel memory
Storage	2TB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	1TB M.2 NVMe™ PCIe® G4x4 Performance SSD (ACC only) 2TB M.2 NVMe™ PCIe® G4x4 Performance SSD (ACC only) 1TB M.2 NVMe™ PCIe® G4x4 Value SSD 2TB M.2 NVMe™ PCIe® G4x4 Value SSD
Expansion Slot (includes used)	2x M.2 PCIe
LAN	N/A
Wireless	Wi-Fi 7(802.11be) (Triple band) 2*2 + Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x Thunderbolt™ 4 with support for DisplayPort™ / power delivery (data speed up to 40Gbps) 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps) 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 1x card reader (SD) (UHS-II, 312MB/s)
Display output	1x HDMI 2.1 FRL
Camera	1080P FHD IR Camera for Windows Hello
Mic	Built-in 3-microphone array
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
Aura Sync	Yes
Touchpad	Touchpad N/A
Speakers	4-speaker (dual-force woofer) system with Smart Amplifier Technology, 2 Tweeters
Audio	1x 3.5mm Combo Audio Jack Built-in 3-microphone array
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Smart Amp Technology
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
Antivirus	McAfee® 30 days free trial
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: 100~240C AC 50/60Hz universal
Xbox Game Pass	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.)
Ecolabels & Compliances	N/A

