



Part No	90NR0BL3-M00770
Sales Model Name	GU603VV-N4033W
EAN Code	4711387378038
UPC Code	197105378032
WEEE	2.663
BASE UNIT	VSNR0BL3-BU2100
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)	35.5 x 24.3 x 1.99 ~ 2.23 cm (13.98" x 9.57" x 0.78" ~ 0.88")
Weight	2.00 Kg (4.41 lbs)
Processor	13th Gen Intel® Core™ i7-13620H Processor 2.4 GHz (24M Cache, up to 4.9 GHz, 10 cores: 6 P-cores and 4 E-cores)
Chipset	N/A
Intergrated GPU	Intel® Iris X® Graphics (Intel® Iris X® Graphics in Dual Channel; Intel® UHD Graphics in Single Channel)
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 4060 Laptop GPU (233 AI TOPs)

Graphic Wattage	ROG Boost: 2300MHz* at 120W (2250MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost)
Graphic Memory	8GB GDDR6
Panel Size	16-inch
Resolution	QHD+ 16:10 (2560 x 1600, WQXGA)
Refresh Rate	240Hz
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	500nits
Contrast Ratio	1200:1
DCI-P3 %	100%
Glare	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	Pantone Validated
Nebula Display	ROG Nebula Display
Support Dolby Vision HDR	Yes
On board memory	16GB DDR4 on board
Total System Memory	DDR4 16GB
Memory Slot	1x SO-DIMM slot
Memory Max.	48GB
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	Performance PCIe G4x4 SSD M2 2280 P4X4 512G SSD M2 2280 P4X4 1TB SSD M2 2280 P4X4 2TB Value PCIe G4x4 SSD M2 2280 P4X4 512G SSD M2 2280 P4X4 1TB SSD M2 2280 P4X4 2TB
Expansion Slot (includes used)	1x DDR4 SO-DIMM slot 2x M.2 PCIe
LAN	10/100/1000 Mbps
Wireless	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)

I/O Ports	1x RJ45 LAN port 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 (data speed up to 10Gbps) 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 1x card reader (microSD) (UHS-II)
Display output	1x HDMI 2.1 FRL
Camera	720P HD IR Camera for Windows Hello
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard Single Light
Aura Sync	Yes
Touchpad	Touchpad N/A
Speakers	2x 2W Tweeter 2x 2W dual-force woofer with Smart Amp Technology
Audio	1x 3.5mm Combo Audio Jack Built-in array microphone
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Smart Amp Technology
Security	BIOS Administrator Password and User Password Protection Kensington Security Slot™ 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	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Xbox Game Pass	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for PC Game Pass. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Ecolabels & Compliances	ENERGY STAR®
Reparability Index (for France)	8.5