



Part No	90NR04P1-M02820
Model Name	GA503QR-HQ056
EAN Code	4711081058311
UPC Code	195553058315
Marketing Name	ROG Zephyrus G15
Color	Moonlight White
Dimension (W x D x H)	35.5 x 24.3 x 1.99 ~ 1.99 cm
Weight	1.90 Kg
Processor	AMD Ryzen™ 9 5900HS Processor 3.1 GHz (16M Cache, up to 4.5 GHz)
Chipset	N/A
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce RTX™ 3070 Laptop GPU
Graphic Wattage	With ROG Boost up to 1390MHz at 80W (100W with Dynamic Boost)
Graphic Memory	8GB GDDR6
IGPU	AMD Radeon™ Graphics
Panel Size	15.6-inch
Resolution	WQHD (2560 x 1440) 16:9
Refresh Rate	165Hz
Response Time (G2G)	3ms
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	300nits
Contrast	1000:1
DCI-P3 %	100%
Anti glare	anti-glare display
Adaptive-Sync technology	FreeSync
Pantone Validated	Yes
Total System Memory	8GB DDR4 on board + 8GB DDR4-3200 SO-DIMM
On board memory	8GB DDR4 on board
Memory Slot	1x SO-DIMM slot
DIMM Memory	8GB DDR4-3200 SO-DIMM
Memory Max.	40GB
System Storage Installed	1TB M.2 NVMe™ PCIe® 3.0 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	512GB M.2 NVMe PCIe 3.0 SSD 1TB M.2 NVMe PCIe 3.0 SSD
How to upgrade memory	Upgradable

On board Wireless	Wi-Fi 6(802.11ax)+Bluetooth 5.1 (Dual band) 2*2 (*BT version may change with OS upgrades.)
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6(802.11ax)+Bluetooth 5.1 (Dual band) 2*2 (*BT version may change with OS upgrades.)
I/O Ports	1x RJ45 LAN port 1x card reader (microSD) 2x USB 3.2 Gen 2 Type-A 2x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC//1x 3.5mm Combo Audio Jack
Thunderbolt	N/A
Display output	1x HDMI 2.0b
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard
NumberPad	N/A
Aura Sync	N/A
Speakers	2x 2W tweeter 4x 2W woofer with Smart Amp Technology
Audio Tech	AI mic noise-canceling Dolby Atmos Software Smart Amp
FingerPrint	YES
Security	BIOS Administrator Password and User Password Protection Kensington Lock
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power	ø6.0, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal
Bundled Peripherals	ROG backpack for 15
Additional Accessories	FHD 1080P@60FPS external camera
Reparability Index (for FR)	7.3

