



Part No	90NR0845-M003N0
Model Name	G513RM-HQ081W
EAN Code	4711081567493
UPC Code	195553567497
Marketing Name	ROG Strix G15
Color	Eclipse Gray
Dimension (W x D x H)	35.4 x 25.9 x 2.26 ~ 2.72 cm
Weight	2.30 Kg
Processor	AMD Ryzen™ 9 6900HX Mobile Processor (8-core/16-thread, 20MB cache, up to 4.9 GHz max boost)
Chipset	N/A
Discrete/Optimus	MUX Switch + Optimus
Graphic	NVIDIA® GeForce RTX™ 3060 Laptop GPU
Graphic Wattage	ROG Boost: 1752MHz* at 140W (1702MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	6GB 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	170
Panel Tech	IPS-level
Brightness	300nits
Contrast	1:1000
DCI-P3 %	100.00%
Anti glare	anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone	N/A
Support Dolby Vision HDR	Yes
Total System Memory	8GB DDR5-4800 SO-DIMM *2
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	8GB DDR5-4800 SO-DIMM *2
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 NVMe	2
M.2 SSD Support List	M.2 512GB PCIe M.2 1TB PCIe
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots 2x PCIe

On board Wireless	N/A
LAN	10/100/1000/2500 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5.2 (*BT version may change with OS upgrades.) - RangeBoost
I/O Ports	1x RJ45 LAN port 1x USB 3.2 Gen 2 Type-C 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 2x USB 3.2 Gen 1 Type-A
Display output	1x HDMI 2.0b
Audio	1x 3.5mm Combo Audio Jack
Webcam	N/A
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 4-Zone RGB
NumberPad	N/A
Aura Sync	Yes
Speakers	2-speaker system with Smart Amplifier Technology
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification Smart Amp Technology
Operating System	Windows 11 Home
Antivirus	MCAFEES_30D
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Bundled Peripherals	ROG backpack
Additional Accessories	FHD 1080P@60FPS external camera ROG Impact Gaming Mouse
Reparability Index (for FR)	7.3

