



Part No	90NR08A5-M00HB0
Marketing Name	ROG Strix 15
Model Name	G513RC-HN089W
EAN Code	4711387431139
UPC Code	197105431133
Color	Eclipse Gray
Dimension (W x D x H)	35.4 x 25.9 x 2.06 ~ 2.59 cm (13.94" x 10.20" x 0.81" ~ 1.02")
Weight	2.10 Kg (4.63 lbs)
Processor	AMD Ryzen™ 7 6800H/HS Mobile Processor (8-core/16-thread, 20MB cache, up to 4.7 GHz max boost)
Discrete/Optimus	MUX Switch + Optimus
Graphic Wattage	ROG Boost: 1550MHz* at 95W (1500MHz Boost Clock+50MHz OC, 80W+15W Dynamic Boost)
Graphic	NVIDIA® GeForce RTX™ 3050 Laptop GPU
Graphic Memory	4GB GDDR6
IGPU	AMD Radeon™ Graphics
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	144Hz
Viewing Angle	170
Panel Tech	Value IPS-level
Contrast	1:1000
Brightness	250nits
Anti glare	Anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
DIMM Memory	8GB DDR5-4800 SO-DIMM *2
Total System Memory	DDR5 16GB
Memory Slot	2x SO-DIMM slots
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
LAN	10/100/1000/2500 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.) -RangeBoost
I/O Ports	1x 2.5G 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
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 4-Zone RGB
NumberPad	N/A
Aura Sync	Yes
Speakers	2-speaker system
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification
Operating System	Windows 11 Home
Antivirus	McAfee® 30 days free trial
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM)
Battery	56WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	ø6.0, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal
Reparability Index (for FR)	7.0

