



Part No	90NR0562-M000F0
Model Name	G513QR-HN280
EAN Code	4711081458067
UPC Code	195553458061
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 5900HX Mobile Processor (8-core/16-thread, 20MB cache, up to 4.6 GHz max boost)
Chipset	N/A
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce RTX™ 3070 Laptop GPU
Graphic Wattage	With ROG Boost up to 1660MHz at 115W (130W with Dynamic Boost)
Graphic Memory	8GB 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
Brightness	250nits
Contrast	1:1000
NTSC %	45%
SRGB %	62.5%
Adobe %	47.34%
Anti glare	anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone	N/A
Total System Memory	16GB DDR4-3200 SO-DIMM
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	16GB DDR4-3200 SO-DIMM
Memory Max.	32GB
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	M.2 512GB PCIe M.2 1TB PCIe
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots 2x PCIe
On board Wireless	N/A
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.) -RangeBoost
I/O Ports	1x RJ45 LAN port 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery 3x USB 3.2 Gen 1 Type-A//1x 3.5mm Combo Audio Jack
Thunderbolt	N/A
Display output	1x HDMI 2.0b
Webcam	N/A
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard Per-Key RGB
NumberPad	Support NumberPad
Aura Sync	Yes
Speakers	2x 4W speaker with Smart Amp Technology
Audio Tech	AI noise-canceling technology Dolby Atmos Smart Amp Technology
Security	BIOS Administrator Password and User Password Protection
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
Reparability Index (for FR)	7.2

