



Part No	90NR06X4-M001K0
Model Name	G513QY-HF001W
EAN Code	4711081451600
UPC Code	195553451604
Marketing Name	ROG Strix G15 Advantage Edition
Color	Original Black
Dimension (W x D x H)	35.4 x 25.9 x 2.26 ~ 2.72 cm
Weight	2.50 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	MS hybrid
Graphic	AMD® Radeon™ RX 6800M, 12GB GDDR6, AMD RDNA™ 2 (2300Mhz Game Clock up to 2600Mhz Max)
Graphic Memory	12GB GDDR6
IGPU	AMD Radeon™ Graphics
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	300Hz
Response Time (G2G)	3ms
Viewing Angle	170
Panel Tech	IPS-level
Brightness	300nits
Contrast	1:1000
NTSC %	72%
SRGB %	100.00%
Adobe %	75.35%
Anti glare	anti-glare display
Adaptive-Sync technology	FreeSync
Pantone	N/A
Total System Memory	8GB DDR4-3200 SO-DIMM *2
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	8GB DDR4-3200 SO-DIMM *2
Memory Max.	32GB
System Storage Installed	512GB M.2 NVMe™ PCIe® 3.0 SSD
M.2 slots support either SATA or NVMe	2

M.2 SSD Support List	512G/ 1TB PCIe SSD
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots 2x PCIe
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 4-Zone RGB
NumberPad	N/A
Aura Sync	Yes
Speakers	2x 4W speaker with Smart Amp Technology
Audio Tech	AI noise-canceling technology Smart Amp Technology
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Security	BIOS Administrator Password and User Password Protection
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power	ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal
Bundled Peripherals	Marketing Giveaway (2 Customizable Armor Caps) N/A
Reparability Index (for FR)	7.3

