



Part No	90NR0341-M01390
Model Name	G512LWS-AZ072T
EAN Code	4718017877978
UPC Code	192876877975
Marketing Name	ROG Strix G15
Color	Original Black
Dimension (W x D x H)	36.0 x 27.5 x 2.10 ~ 2.58 cm
Weight	2.30 Kg
Processor	Intel® Core™ i7-10750H Processor 2.6 GHz (12M Cache, up to 5.0 GHz, 6 cores)
Chipset	Mobile Intel® HM470 Express Chipsets
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce® RTX 2070 SUPER™
Graphic Memory	8GB GDDR6
IGPU	Intel® UHD Graphics
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	240Hz
Response Time (G2G)	3ms
Viewing Angle	178
Panel Tech	IPS-level
Brightness	300nits
Contrast	1:1000
NTSC %	72%
SRGB %	100%
Adobe %	75.35%
Anti glare	anti-glare display
Adaptive-Sync technology	N/A
Pantone Validated	N/A
Total System Memory	16GB DDR4 SO-DIMM(3200MHz for i7-10870H/i7-10875H/i9-10980HK and 2933MHz for i5-10300H/i7-10750H) *2
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	16GB DDR4 SO-DIMM(3200MHz for i7-10870H/i7-10875H/i9-10980HK and 2933MHz for i5-10300H/i7-10750H) *2
Memory Max.	32GB
System Storage Installed	1TB M.2 NVMe™ PCIe® 3.0 SSD
M.2 slots support either SATA and NVMe	3

M.2 SSD Support List	M.2 512GB PCIe M.2 1TB PCIe
How to upgrade memory	Upgradable dedicate Memory door on Bottom side
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Intel Wi-Fi 6(Gig+)(802.11ax)+Bluetooth 5.1 (Dual band) 2*2 (*BT version may change with OS upgrades.) -RangeBoost
I/O Ports	1x Type C USB 3.2 Gen 2 with Display Port and G-Sync 3x USB 3.2 Gen 1 Type-A//1x 3.5mm Combo Audio Jack
Thunderbolt	N/A
Display output	1x HDMI 2.0b
Webcam	Optional
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 4-Zone RGB
NumberPad	Support NumberPad
Aura Sync	Yes
Speakers	2x 4.2W speaker with Smart Amp Technology
Audio Tech	Smart Amp Technology
Operating System	Windows 10 Home - ASUS recommends Windows 10 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Security	BIOS Administrator Password and User Password Protection
Battery	66WHrs, 4S1P, 4-cell Li-ion
Power	ø6.0, 230W AC Adapter, Output: 19.5V DC, 11.8A, 230W, Input: 100~240V AC, 50/60Hz universal
Bundled Peripherals	ROG backpack for 15

