



Part No	90NR0381-M06970
Model Name	G512LI-HN313T
EAN Code	4711081127321
UPC Code	195553127325
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™ i7-10870H Processor 2.2 GHz (16M Cache, up to 5.0 GHz, 8 cores)
Chipset	Mobile Intel® HM470 Express Chipsets
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce® GTX 1650 Ti
Graphic Memory	4GB GDDR6
IGPU	Intel® UHD 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 %	67%
Adobe %	50%
Anti glare	anti-glare display
Adaptive-Sync technology	N/A
Pantone Validated	N/A
Total System Memory	16GB DDR4 SO-DIMM(2933MHz for i5-10300H/i7-10750H/i7-10870H)
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	16GB DDR4 SO-DIMM(2933MHz for i5-10300H/i7-10750H/i7-10870H)
Memory Max.	32GB
System Storage Installed	512GB M.2 NVMe™ PCIe® 3.0 SSD
M.2 slots support either SATA and NVMe	3
M.2 SSD Support List	M.2 256GB PCIe M.2 512GB PCIe M.2 1TB 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 Type C USB 3.2 Gen 2 with Display Port and G-Sync 3x Type A USB 3.2 Gen 1//1x 3.5mm Combo Audio Jack
Thunderbolt	N/A
Display output	1x HDMI 2.0b 1x TypeC (DP 1.4a)
Webcam	Optional
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard RGB
NumberPad	Support NumberPad
Aura Sync	Yes
Speakers	2x 1.5W speaker
Audio Tech	N/A
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	48WHrs, 3S1P, 3-cell Li-ion
Power	ø6.0, 150W AC Adapter, Output: 20V DC, 7.5A, 150W, Input: 100~240V AC, 50/60Hz universal
Bundled Peripherals	ROG backpack for 15
Reparability Index (for FR)	6.0

