



Part No	90NR01J1-M11070
Model Name	G531GU-ES553T
EAN Code	4718017647403
UPC Code	192876647400
Marketing Name	ROG Strix SCAR III
Color	Gunmetal Gray
Dimension (W x D x H)	36.0 x 27.5 x 2.10 ~ 2.49 cm 14.19 x 10.83 x 0.82 ~ 0.98 inches
Weight	2.57 Kg 5.67 Lb
Processor	Intel® Core™ i7-9750H Processor 2.6 GHz (12M Cache, up to 4.5 GHz)
Chipset	Mobile Intel® HM370 Express Chipsets
Discrete/Optimus	Optimus
Graphic	NVIDIA GeForce GTX 1660Ti
Graphic Memory	6GB GDDR6
IGPU	Intel® UHD Graphics 630
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	144Hz
Response Time (G2G)	3ms
Viewing Angle	170
Panel Tech	IPS-level
Brightness	300nits
Contrast	1:800
NTSC %	72%
SRGB %	100%
Adobe %	75.35%
Anti glare	anti-glare display
Gsync	N/A
Pantone Validated	N/A
Total System Memory	8GB DDR4-2666 SO-DIMM *2
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	8GB DDR4-2666 SO-DIMM *2
Memory Max.	32GB
System Storage Installed	1TB M.2 NVMe™ PCIe® 3.0 SSD
M.2 slots support either SATA and NVMe	1
M.2 SSD Support List	M.2 128GB PCIe*2 SSD M.2 256GB PCIe*2 SSD M.2 512GB PCIe*2 SSD M.2 1TB PCIe*2 SSD

LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 5 (802.11ac)+Bluetooth 5.0 (Dual band) 2*2 (*BT version may change with OS
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
Webcam	Optional
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 4-Zone RGB
NumberPad	NumberPad
Aura Sync	Yes
Speakers	2x 4W speaker with smart AMP technology
Audio Tech	Smart Amp
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	Marketing Giveaway (Keystone) ROG backpack for 15
Additional Accessories	ROG Impact Gaming Mouse