



Part No	<b>90NR0031-M00380</b>
Model Name	<b>GM501GS-EI004T</b>
EAN Code	<b>4718017019163</b>
UPC Code	<b>192876019160</b>
A Part (lid)	<b>Black Metal</b>
B Part (bezel)	<b>Black Plastic</b>
C Part (inside)	<b>Black Metal</b>
D Part (bottom)	<b>Black Plastic</b>
Dimension	<b>38.4(W) x 26.2(D) x 1.75 ~ 1.99(H) cm 15.12(W) x 10.31(D) x 0.70 ~ 0.78(H) inches</b>
Weight	<b>2.45 Kg 5.40 Lb</b>
Processor	<b>Intel® Core™ i7-8750H Processor 2.2 GHz (9M Cache, up to 3.9 GHz)</b>
Chipset	<b>Mobile Intel® HM370 Express Chipsets</b>
Discrete/Share	<b>Discrete</b>
Graphics	<b>NVIDIA GeForce GTX1070</b>
Graphics Memory	<b>GDDR5 8GB</b>
IGPU	<b>Intel HD Graphics 630</b>
Panel Size	<b>15.6'</b>
Resolution	<b>FHD 1920x1080 16:9</b>
Refresh Rate	<b>144Hz</b>
Response Time (G2G)	<b>3ms</b>
Viewing Angle	<b>170/170</b>
Panel Tech	<b>IPS-level</b>
Brightness	<b>300</b>
Contrast	<b>800</b>
NTSC %	<b>72%</b>
SRGB %	<b>100%</b>
Adobe %	<b>75.35%</b>
Anti glare	<b>Anti glare</b>
Gsync	<b>Gsync</b>
Total System Memory	<b>DDR4 2666 16G</b>
On board memory	<b>N/A</b>
Memory Slot	<b>2x</b>
DIMM Memory	<b>DDR4 2666 16G</b>
Memory Max.	<b>32GB</b>
System Storage Installed	<b>PCIE NVME 512G M.2 SSD(Hyper Drive) SATA 1TB 5400RPM 2.5' Hybrid HDD (FireCuda)</b>

M.2 slots support either SATA and NVMe	<b>1</b>
M.2 SSD Support List	<b>256G PCIE 512G PCIE</b>
EMMC/ISSD	<b>N/A</b>
LAN	<b>N/A</b>
Wi-Fi/Bluetooth	<b>802.11ac 2*2 + Bluetooth 5.0 (*BT version may change with OS upgrades.)</b>
I/O Ports	<b>1x Type C 3.1 (Gen.2) 4x Type A 3.1 (Gen.2) 1x Kensington Lock//1x 3.5mm combo audio jack</b>
Thunderbolt	<b>Thunderbolt3.0 via 1x SP</b>
Display output	<b>1x HDMI 2.0 1x TypeC (DP1.2)</b>
Webcam	<b>720P HD</b>
Mic	<b>Built-in array microphone</b>
Keyboard Type	<b>Illuminated Chiclet Keyboard 4-Zone RGB</b>
ROG Aura Sync	<b>Yes</b>
Speakers	<b>2 x 3.5W</b>
Audio Tech	<b>Smart Amp</b>
Operating System	<b>Windows 10 (64bit)</b>
Security	<b>N/A</b>
Battery	<b>55WHrs, 4S1P, 4-cell Li-ion</b>
Power	<b>ø6.0 230W AC Adapter Output: 19.5V DC, 11.8A, 230W Input: 100~240V AC, 50/60Hz universal</b>
Bundled Peripherals	<b>Marketing Giveaway (ROG Exclusive Stickers &amp; Key Chain)</b>