



Part No	**90NR0LJ1-M00A70**
Sales Model Name	**G615LM-DICS5234W**
EAN Code	**4711636340564**
UPC Code	**199291340565**
Marketing Name	**ROG Strix G16**
Operating System	**Windows 11 Home**
Office	**1-month trial for new Microsoft 365 customers. Credit card required.**
Color	**Eclipse Gray**
Dimension (W x D x H)	**35.4 x 26.8 x 2.28 ~ 3.08 cm (13.94" x 10.55" x 0.90" ~ 1.21")**
Weight	**2.65 Kg (5.84 lbs)**
Processor	**Intel® Core™ Ultra 9 Processor 275HX 2.7 GHz (36MB Cache, up to 5.4 GHz, 24 cores, 24 Threads); Intel® AI Boost NPU up to 13TOPS**
Chipset	**Mobile Intel® HM870 Express Chipsets**
Intergrated GPU	**Intel® UHD Graphics**
Discrete/Optimus	**MUX Switch + NVIDIA® Advanced Optimus**
Graphic	**NVIDIA® GeForce RTX™ 5060 Laptop GPU**
Graphic Wattage	**ROG Boost: 1610MHz* at 115W (1560MHz Boost Clock+50MHz OC, 100W+15W Dynamic Boost)**
Graphic Memory	**8GB GDDR7**
Neural Processor	**Intel® AI Boost NPU up to 13TOPS**
Panel Size	**16-inch**
Resolution	**2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio**
Refresh Rate	**240Hz**
Response Time (G2G)	**3ms**
Viewing Angle	**170**
Panel Tech	**IPS-level**
Brightness	**500nits**
Contrast Ratio	**1200:1**
DCI-P3 %	**100%**
Surface texture of display	**Anti-glare display**
Adaptive-Sync technology	**G-Sync**
Pantone	**Pantone Validated**
Nebula Display	**ROG Nebula Display**
Support Dolby Vision HDR	**Yes**
Thermal Feature	**ROG intelligent cooling**
On board memory	**N/A**
DIMM Memory	**16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2**

Total System Memory	**DDR5 32GB**
Memory Slot	**2x SO-DIMM slots**
Memory Max.	**64GB**
Multi-channel memory technology	**Support dual channel memory technology**
Storage	**1TB PCIe® 4.0 NVMe™ M.2 SSD**
M.2 slots support either SATA or NVMe	**2**
M.2 SSD Support List	**512G/ 1TB /2TB G4x4 PCIe SSD** **1TB /2TB / 4TB G5x4 PCIe SSD (for L_G project)**
Expansion Slot (includes used)	**2x DDR5 SO-DIMM slots** **2x M.2 PCIe**
LAN	**10/100/1000 Mbps**
Wireless	**Wi-Fi 7(802.11be) (Triple band) 2*2+Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)**
I/O Ports	**1x RJ45 LAN port** **1x Thunderbolt™ 4 with support for DisplayPort™ / power delivery (data speed up to 40Gbps)** **1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps)** **3x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)**
Display output	**1x HDMI 2.1 FRL**
Camera	**1080P FHD IR Camera for Windows Hello**
Mic	**Built-in array microphone**
Keyboard Type	**Backlit Chiclet Keyboard Per-Key RGB** **With Copilot key** ***Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq**
Aura Sync	**Yes**
Touchpad	**Touchpad** **Support NumberPad**
Speakers	**2-speaker system with Smart Amplifier Technology**
Audio	**1x 3.5mm Combo Audio Jack** **Built-in array microphone**
Audio Tech	**AI noise-canceling technology** **Dolby Atmos** **Hi-Res certification (for headphone)** **Smart Amp Technology**
Security	**BIOS Administrator Password and User Password Protection** **Trusted Platform Module (Firmware TPM)**
Antivirus	**McAfee® 30 days free trial**
Battery	**90WHrs, 4S1P, 4-cell Li-ion**
Fast charging	**Recharge from 0-50% in 30 minutes**
Power	**Rectangle Conn, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100-240V AC, 50/60Hz universal**
Xbox Game Pass	**Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)**
Included in the Box	**ROG Impact Gaming Mouse** **ROG backpack**
Ecolabels & Compliances	**N/A**
Reparability Index (for France)	**9.9**