

Part No	**90NR0IC3-M008K0**
Model Name	**G614JZR-N4193W**
EAN Code	**4711387682555**
UPC Code	**197105682559**
WEEE	**3.203**
BASE UNIT	**VSNR0IC3-BU2101**
Marketing Name	**ROG Strix G16**
Color	**Eclipse Gray**
Dimension (W x D x H)	**35.4 x 26.4 x 2.26 ~ 3.04 cm (13.94" x 10.39" x 0.89" ~ 1.20")**
Weight	**2.50 Kg (5.51 lbs)**
Processor	**Intel® Core™ i9 Processor 14900HX 2.2 GHz (36MB Cache, up to 5.8 GHz, 24 cores, 32 Threads)**
Chipset	**Mobile Intel® HM770 Express Chipsets**
Discrete/Optimus	**MUX Switch + NVIDIA® Advanced Optimus**
Graphic	**NVIDIA® GeForce RTX™ 4080 Laptop GPU**
Graphic Wattage	**ROG Boost: 2330MHz* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost)**
Graphic Memory	**12GB GDDR6**
Intergrated GPU	**Intel® UHD Graphics**
Panel Size	**16-inch**
Resolution	**QHD+ 16:10 (2560 x 1600, WQXGA)**
Refresh Rate	**240Hz**
Response Time (G2G)	**3ms**
Viewing Angle	**170**
Panel Tech	**IPS-level**
Brightness	**500nits**
Contrast	**1200:1**
DCI-P3 %	**100%**
Anti glare	**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	**32GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2**
Total System Memory	**DDR5 64GB**
Memory Slot	**2x SO-DIMM slots**

Memory Max.	**64GB**
Multi-channel memory technology	**Support dual channel memory**
System Storage Installed	**2TB 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**
Expansion Slot (includes used)	**2x DDR5 SO-DIMM slots** **2x PCIe**
LAN	**10/100/1000/2500 Mbps**
Wi-Fi/Bluetooth	**Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)**
I/O Ports	**1x 2.5G LAN port** **1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC** **1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC** **2x USB 3.2 Gen 2 Type-A**
Display output	**1x HDMI 2.1 FRL**
Audio	**1x 3.5mm Combo Audio Jack**
Camera	**720P HD camera**
Mic	**Built-in array microphone**
Keyboard Type	**Backlit Chiclet Keyboard Per-Key RGB**
NumberPad	**Support NumberPad**
Aura Sync	**Yes**
Speakers	**4-speaker system with Smart Amplifier Technology**
Audio Tech	**AI noise-canceling technology** **Dolby Atmos** **Hi-Res certification (for headphone)** **Smart Amp Technology** **Support Microsoft Cortana near field/far field**
Operating System	**Windows 11 Home**
Office	**1-month trial for new Microsoft 365 customers. Credit card required.**
Antivirus	**McAfee® 30 days free trial**
Xbox Game Pass	**Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)**
Security	**BIOS Administrator Password and User Password Protection** **Trusted Platform Module (Firmware TPM)**
Battery	**90WHrs, 4S1P, 4-cell Li-ion**
Fast charging	**Recharge from 0-50% in 30 minutes**
Power	**ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal**
Ecolabels & Compliances	**N/A**