

# Specification

Spec	G614JZ-N4013W 90NR0CZ1-M00570
Operating System	Windows 11 Home
Processor	13th Gen Intel® Core™ i7-13650HX Processor 2.6 GHz 24M Cache, up to 4.9 GHz, 14 cores: 6 P-cores and 8 E-cores)
Graphics	NVIDIA® GeForce RTX™ 4080 Laptop GPU, ROG Boost: 2330MHz* at 175W (2280MHz Boost Clock+50MHz OC, 150W+25W Dynamic Boost), 12GB GDDR6
Display	ROG Nebula Display, 16-inch, QHD+ 16:10 (2560 x 1600, WQXGA), IPS-level, Anti-glare display, DCI-P3:100%, Refresh Rate:240Hz, Response Time:3ms, G-Sync, Pantone Validated, MUX Switch + NVIDIA® Advanced Optimus, Support Dolby Vision HDR :Yes
Memory	16GB DDR5-4800 SO-DIMM x 2, , Max Capacity:32GB, Support dual channel memory
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD
I/O Ports	1x 3.5mm Combo Audio Jack, 1x HDMI 2.1 FRL 2x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 1x 2.5G LAN port 1x Thunderbolt™ 4 support DisplayPort™ / G-SYNC
Keyboard and Touchpad	Backlit Chiclet Keyboard 4-Zone RGB, Touchpad
Camera	720P HD camera Smart Amp Technology Dolby Atmos
Audio	AI noise-canceling technology Hi-Res certification (for headphone) Support Microsoft Cortana near field/far field Built-in array microphone, 2-speaker system with Smart Amplifier Technology
Network and Communication	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power Supply	ø6.0, 330W AC Adapter, Output: 20V DC, 16.5A, 330W, Input: 100~240C AC 50/60Hz universal
AURA SYNC	Yes
Device Lighting	Aura Sync Light Bar
Weight	2.50 Kg (5.51 lbs)
Dimensions (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")
Microsoft Office	1-month trial for new Microsoft 365 customers. Credit card required.
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) McAfee® 30 days free trial
Boost OC	TBD
MKT Name	ROG Strix G16
Sub Series	G614
Color Code	1C
Color	Eclipse Gray
SKU Image	1C_Backlit Chiclet Keyboard 4-Zone RGB