

Specification

Spec	GV601VV-NL008X	90NR0D11-M000H0
Operating System	Windows 11 Pro	
Processor	13th Gen Intel® Core™ i9-13900H Processor 2.6 GHz (24M Cache, up to 5.4 GHz, 14 cores: 6 P-cores and 8 E-cores)	
Graphics	NVIDIA® GeForce RTX™ 4060 Laptop GPU, ROG Boost: 2300MHz* at 120W (2250MHz Boost Clock+50MHz OC, 100W+20W Dynamic Boost), 8GB GDDR6	
Display	ROG Nebula HDR Display, 16-inch, QHD+ 16:10 (2560 x 1600, WQXGA), Mini LED, Glossy display, DCI-P3:100%, Touch Screen, Refresh Rate:240Hz, Response Time:3ms, Adaptive-Sync, Pantone Validated, MUX Switch + Optimus, Support Dolby Vision HDR :Yes	
Memory	8GB DDR5-4800 SO-DIMM x 2, , Max Capacity:64GB, 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 support HDMI switch 2x USB 3.2 Gen 2 Type-A 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 1x Thunderbolt™ 4 support DisplayPort™ / power delivery 1x ROG XG Mobile Interface and USB Type-C combo port (with USB 3.2 Gen2, support DisplayPort™ 1.4)	
Keyboard and Touchpad	Backlit Chiclet Keyboard 1-Zone RGB, Touchpad	
Camera	1080P FHD IR Camera for Windows Hello	
Audio	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification (for headphone) Support Microsoft Cortana near field/far field Built-in 3-microphone array, 4-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, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal	
AURA SYNC	Yes	
Weight	2.20 Kg (4.85 lbs)	
Dimensions (W x D x H)	35.5 x 24.3 x 1.94 ~ 2.19 cm (13.98" x 9.57" x 0.76" ~ 0.86")	
Microsoft Office	1-month trial for new Microsoft 365 customers. Credit card required.	
Security	BIOS Administrator Password and User Password Protection Trusted Platform Module (Firmware TPM) McAfee® 30 days free trial	
Included in the Box	Stylus (ASUS Pen SA203H-MPP2.0 support)	
Boost OC	2250(+50) MHz	
MKT Name	ROG Flow X16	
Sub Series	GV601	
Color Code	2A	
Color	Off Black	
SKU Image	2A_Backlit Chiclet Keyboard 1-Zone RGB	