

Tech Specs

Operating System	Windows 11 Home
Processor	12th Gen Intel® Core™ i9-12900H Processor 2.5 GHz (24M Cache, up to 5.0 GHz, 14 cores: 6 P-cores and 8 E-cores)
Graphics	NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU, ROG Boost: 1085MHz* at 40W (1035MHz Boost Clock+50MHz OC, 35W+5W Dynamic Boost), 4GB GDDR6
Display	13.4-inch, FHD+ 16:10 (1920 x 1200, WUXGA), IPS-level, Glossy display, sRGB:100, Touch Screen, Refresh Rate:120Hz, Response Time:30ms, Adaptive-Sync, Pantone Validated, Support stylus:Yes, MUX Switch + Optimus, Support Dolby Vision HDR :Yes
Memory	8GB*2 LPDDR5 on board, Max Capacity:16GB, Support dual channel memory
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD (2230)
I/O Ports	1x 3.5mm Combo Audio Jack, 1x USB 2.0 Type-A 1x USB 3.2 Gen 2 Type-C 1x Thunderbolt™ 4 support DisplayPort™ 1x ROG XG Mobile Interface and USB Type-C combo port (with USB 3.2 Gen2, support DisplayPort™ 1.4) 1x card reader (microSD) (UHS-II) 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC
Keyboard and Touchpad	Backlit Chiclet Keyboard 1-Zone RGB, Touchpad
Camera	8MP camera and 720P HD camera
Audio	Smart Amp Technology Dolby Atmos AI noise-canceling technology Hi-Res certification Built-in 3-microphone array, 2-speaker system with Smart Amplifier Technology
Network and Communication	Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 (*Bluetooth® version may change with OS version different.)
Battery	56WHrs, 4S1P, 4-cell Li-ion
Power Supply	TYPE-C, 100W AC Adapter, Output: 20V DC, 5A, 100W, Input: 100~240V AC, 50/60Hz universal