

FA507XV-HQ022W - Model Specification

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FULL DETAIL

Part No	90NR0DY5-M001C0
Model Name	FA507XV-HQ022W
EAN Code	4711387122013
UPC Code	197105122017
Marketing Name	ASUS TUF Gaming A15
Color	Mecha Gray
Dimension (W x D x H)	35.4 x 25.1 x 2.24 ~ 2.49 cm
Weight	2.20 Kg
Processor	AMD Ryzen 9 7940HS Mobile Processor (8-core/16-thread, 16MB L3 cache, up to 5.2 GHz max boost)
Discrete/Optimus	MUX Switch + NVIDIA Advanced Optimus
Graphic	NVIDIA GeForce RTX 4060 Laptop GPU
Graphic Wattage	2420MHz* at 140W (2370MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	8GB GDDR6
IGPU	AMD Radeon Navi3 Graphics
Panel Size	15.6-inch
Resolution	WQHD (2560 x 1440) 16:9
Refresh Rate	165Hz
Response Time (G2G)	3ms
Viewing Angle	170
Panel Tech	IPS-level
Brightness	300nits
Contrast	1000:1
DCI-P3 %	100%
Anti glare	Anti-glare display
Adaptive-Sync technology	G-Sync
DIMM Memory	8GB DDR5-4800 SO-DIMM *2
Total System Memory	DDR5 16GB
Memory Slot	2x SO-DIMM slots
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
How to upgrade memory	Upgradable
System Storage Installed	1TB PCIe 4.0 NVMe M.2 SSD (2230)
M.2 slots support either SATA or N 2	
M.2 SSD Support List	M.2 PCIe 512GB M.2 PCIe 1TB M.2 PCIe 2TB
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2 (*Bluetooth version may change with OS version diff
I/O Ports	1x RJ45 LAN port 1x Type C USB 4 support DisplayPort / G-SYNC 1x USB 3.2 Gen 2 Type-C support DisplayPort / power delivery / G-SYNC 2x USB 3.2 Gen 1 Type-A
Display output	1x HDMI 2.1 FRL
Audio	1x 3.5mm Combo Audio Jack

Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
Speakers	2-speaker system
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification Support Microsoft Cortana near field/Far field
Operating System	Windows 11 Home
Antivirus	MCAFEE_30D
Xbox Game Pass	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Security	BIOS Administrator Password and User Password Protection Kensington Security Slot Trusted Platform Module (Firmware TPM)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power	6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Reparability Index (for FR)	8.6