

FA507NU-LP031W - Model Specification

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FULL DETAIL

Part No	90NR0EB5-M002T0
Model Name	FA507NU-LP031W
EAN Code	4711387121689
UPC Code	197105121683
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 7 7735HS Mobile Processor (8-core/16-thread, 16MB L3 cache, up to 4.7 GHz max boost)
Discrete/Optimus	MUX Switch + NVIDIA Advanced Optimus
Graphic	NVIDIA GeForce RTX 4050 Laptop GPU
Graphic Wattage	2420MHz* at 140W (2370MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	6GB GDDR6
IGPU	AMD Radeon Navi2 Graphics
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	144Hz
Viewing Angle	170
Panel Tech	Value IPS-level
Brightness	250nits
Contrast	1000:1
NTSC %	72%
SRGB %	100%
Adobe %	75.35%
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
System Storage Installed	512GB PCIe 4.0 NVMe M.2 SSD (2230)
M.2 slots support either SATA or NVMe	
M.2 SSD Support List	M.2 512GB PCIe SSD M.2 1TB PCIe SSD M.2 2TB PCIe SSD
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 difference)
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)	8.2