



Part No	90NR0GW1-M00270
Model Name	FX507ZC4-HN009W
EAN Code	4711387346402
UPC Code	197105346406
Marketing Name	ASUS TUF Gaming F15
Color	Mecha Gray
Dimension (W x D x H)	35.4 x 25.1 x 2.24 ~ 2.49 cm (13.94" x 9.88" x 0.88" ~ 0.98")
Weight	2.20 Kg (4.85 lbs)
Processor	12th Gen Intel® Core™ i5-12500H Processor 2.5 GHz (18M Cache, up to 4.5 GHz, 12 cores: 4 P-cores and 8 E-cores)
Chipset	N/A
Discrete/Optimus	MUX Switch + Optimus
Graphic	NVIDIA® GeForce RTX™ 3050 Laptop GPU
Graphic Wattage	1790MHz* at 95W (1740MHz Boost Clock+50MHz OC, 80W+15W Dynamic Boost)
Graphic Memory	4GB GDDR6
IGPU	Intel® Iris X® 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 %	45%
SRGB %	62.50%
Adobe %	47.34%
Anti glare	Anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
DIMM Memory	8GB DDR4-3200 SO-DIMM *2
Total System Memory	DDR4 16GB
Memory Slot	2x SO-DIMM slots
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
System Storage Installed	512GB PCIe® 3.0 NVMe™ M.2 SSD

M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	M.2 PCIe 512GB M.2 PCIe 1TB
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots
LAN	10/100/1000 Mbps Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card (*Bluetooth® version may change with OS version different.)
Wi-Fi/Bluetooth	1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / G-SYNC
I/O Ports	2x USB 3.2 Gen 1 Type-A
Display output	1x HDMI 2.0b
Audio	1x 3.5mm Combo Audio Jack
Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
NumberPad	N/A
Aura Sync	Yes
Speakers	2-speaker system AI noise-canceling technology Dolby Atmos
Audio Tech	Hi-Res certification
Operating System	Windows 11 Home
Antivirus	McAfee® 30 days free trial 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.)
Xbox Game Pass	BIOS Administrator Password and User Password Protection Kensington Security Slot™
Security	Trusted Platform Module (Firmware TPM)
Battery	56WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	ø6.0, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal

