

FX507ZV4-HQ039 - Model Specification

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FULL DETAIL

Part No	90NR0FA7-M007T0
Model Name	FX507ZV4-HQ039
EAN Code	4711387110621
UPC Code	197105110625
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
Weight	2.20 Kg
Processor	12th Gen Intel Core i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 14 cores: 6 P-cores and 8 E-cores)
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	Intel Iris X Graphics
Panel Size	15.6-inch
Resolution	WQHD (2560 x 1440) 16:9
Refresh Rate	165Hz
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	300
Contrast	1000:1
DCI-P3 %	100%
Anti glare	Anti-glare display
Adaptive-Sync technology	G-Sync
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 4.0 NVMe M.2 SSD
M.2 slots support either SATA or N 2	
M.2 SSD Support List	M.2 2TB G4X4 PCIe SSD M.2 1TB G4X4 PCIe SSD M.2 512GB G4X4 PCIe SSD
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots 2x PCIe
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 different)
I/O Ports	1x RJ45 LAN port 1x Thunderbolt 4 support DisplayPort 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
Aura Sync	Yes
Speakers	2-speaker system
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification Support Microsoft Cortana near field/Far field
Operating System	No preinstalled OS
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