

FX507VU4-LP053 - Model Specification

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FULL DETAIL

Part No	90NR0CJ7-M006H0
Model Name	FX507VU4-LP053
EAN Code	4711387110201
UPC Code	197105110205
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	13th Gen Intel® Core™ i7-13700H Processor 2.4 GHz (24M Cache, up to 5 GHz, 14 cores: 6 P-cores and 8 E-cores)
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	Intel® Iris X® Graphics
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	144Hz
Viewing Angle	85/85/85/85
Panel Tech	Value IPS-level
Brightness	250
Contrast	1000:1
NTSC %	72%
SRGB %	100%
Adobe %	75.35%
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 NVMe	
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 PCIe
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6E(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 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