

FX507ZC4-HN007 - Model Specification

Uploaded On: 2022-11-22 08:54:49

FULL DETAIL

Part No	90NR0GW1-M00280
Model Name	FX507ZC4-HN007
EAN Code	4711387020296
UPC Code	197105020290
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
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)
Weight	2.20 Kg
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
Memory Slot	2x SO-DIMM slots
Total System Memory	8GB DDR4-3200 SO-DIMM *2
DIMM Memory	8GB DDR4-3200 SO-DIMM *2
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
System Storage Installed	1TB PCIe 3.0 NVMe M.2 SSD
M.2 slots support either SATA or NVMe	
M.2 SSD Support List	M.2 PCIe 512GB_x000D_ M.2 PCIe 1TB
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2 (*BT 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 / G-SYNC 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
Aura Sync	Yes
Speakers	2-speaker system
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification
Operating System	No preinstalled OS
Security	BIOS Administrator Password and User Password Protection Kensington Security Slot Trusted Platform Module (Firmware TPM)
Battery	56WHrs, 4S1P, 4-cell Li-ion
Power	6.0, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal