

## FA507UI-HQ029 - Model Specification

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### FULL DETAIL

Part No	90NR0I65-M001A0
Model Name	FA507UI-HQ029
TTV	2023-12-04
End of Production	2024-12-31
EAN Code	4711387431443
UPC Code	197105431447
WEEE	2.527
BASE UNIT	VSNR0I65-BU2100
Marketing Name	ASUS TUF Gaming A15
Color	Mecha Gray
Dimension (W x D x H)	25.1 x 35.4 x 2.24 ~ 2.49 cm (9.88in x 13.94in x 0.88in ~ 0.98in )
Weight	2.20 Kg (4.85 lbs)
Processor	AMD Hawk Point R9
Discrete/Optimus	MUX Switch + NVIDIA Advanced Optimus
Graphic	NVIDIA GeForce RTX 4070 Laptop GPU
Graphic Wattage	2225MHz* at140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	8GB GDDR6
IGPU	AMD Radeon Navi3 Graphics
Panel Size	15.6-inch
Resolution	FHD (1920 x 1080) 16:9
Refresh Rate	165Hz
Viewing Angle	170
Panel Tech	IPS-level
Brightness	300nits
Contrast	1000:1
DCI-P3 %	100%
Anti glare	Anti-glare display
Adaptive-Sync technology	G-Sync
DIMM Memory	16GB DDR5-5600 SO-DIMM *2
Total System Memory	DDR5 32GB
Memory Slot	2x SO-DIMM slots
Memory Max.	32GB
Multi-channel memory technology	Support dual channel memory
How to upgrade memory	Upgradable
System Storage Installed	1TB PCIe 4.0 NVMe M.2 SSD
M.2 slots support either SATA or N	2
M.2 SSD Support List	M.2 PCIe 512GB_x000D_ M.2 PCIe 1TB_x000D_ M.2 PCIe 2TB
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 5.3 Wireless Card (*Bluetooth version may change with
I/O Ports	1x RJ45 LAN port 1x Type C USB 4 support DisplayPort 1x USB 3.2 Gen 2 Type-C support DisplayPort

	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	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
Fast charging	Recharge from 0-50% in 30 minutes
Power	6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Ecolabels & Compliances	ENERGY STAR EPEAT Bronze