

Model	FA507UI / 90NR0I65-M00190
Marketing Name	ASUS TUF Gaming A15
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
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	AMD Ryzen™ 9 8945H Processor 4GHz (24MB Cache, up to 5.2 GHz, 8 cores, 16 Threads); AMD XDNA™ NPU up to 16TOPS
Chipset	N/A
Integrated GPU	AMD Radeon™ Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 4070 Laptop GPU (321 AI TOPs)
Graphic Wattage	1655MHz* at140W (1605MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	8GB GDDR6
Neural Processor	AMD XDNA™ NPU up to 16TOPS
Panel Size	15.6-inch
Resolution	QHD (2560 x 1440) 16:9
Refresh Rate	165Hz
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	300nits
Contrast Ratio	1000:1
DCI-P3 %	100%
Glare	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A

On board memory	N/A
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
Storage	1TB PCIe® 4.0 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 M.2 PCIe 2TB
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots 2x M.2 PCIe
LAN	10/100/1000 Mbps
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x RJ45 LAN port 1x Type-C USB 4 with support for DisplayPort™ (data speed up to 40Gbps) 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps) 2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps)
Display output	1x HDMI 2.1 FRL
Camera	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
Aura Sync	N/A
Touchpad	Touchpad N/A
Speakers	2-speaker system
Audio	1x 3.5mm Combo Audio Jack Built-in array microphone
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Support Microsoft Cortana near field/far field

Security	BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)
Antivirus	McAfee® 30 days free trial
Battery	90WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Xbox Game Pass	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Ecolabels & Compliances	ENERGY STAR® EPEAT Bronze
Reparability Index (for France)	8.6