



Part No	90NR0JF7-M00FJ0
Sales Model Name	FA506NCG-HN194
EAN Code	4711636069021
UPC Code	199291069022
WEEE	2.44
BASE UNIT	VSNR0JF7-BUA100
Marketing Name	ASUS TUF Gaming A15
Operating System	No preinstalled OS
Color	Graphite Black
Dimension (W x D x H)	35.9 x 25.6 x 2.28 ~ 2.45 cm (14.13" x 10.08" x 0.90" ~ 0.96")
Weight	2.30 Kg (5.07 lbs)
Processor	AMD Ryzen™ 7 7445HS Processor 3.2GHz (22MB Cache, up to 4.7GHz, 6 cores, 12 Threads)
Chipset	TBD
Intergrated GPU	AMD Radeon™ Graphics
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce RTX™ 3050 Laptop GPU
Graphic Wattage	Up to 1675MHz at 60W (75W with Dynamic Boost)
Graphic Memory	4GB GDDR6
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	250nits
Contrast Ratio	1000:1
NTSC %	45%
SRGB %	62.5%
Adobe %	47.34%
DCI-P3 %	N/A
Glare	Anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
DIMM Memory	16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC
Total System Memory	DDR5 16GB
Memory Slot	2x SO-DIMM slots
Memory Max.	64GB
How to upgrade memory	Upgradable

Storage	512GB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	M.2 512GB G4x4 PCIe SSD M.2 1TB G4x4 PCIe SSD
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 USB 3.2 Gen 2 Type-C with support for DisplayPort™ (data speed up to 10Gbps) 3x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps)
Display output	1x HDMI 2.1 TMDS
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 DTS Audio Processing Hi-Res certification (for headphone)
Security	BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)
Battery	48WHrs, 3S1P, 3-cell Li-ion
Power	ø6.0, 180W AC Adapter, Output: 20V DC, 9A, 180W, Input: 100~240V AC, 50/60Hz universal
Included in the Box	P309 TUF GAMING M3 TUF Gaming backpack
Ecolabels & Compliances	N/A
Reparability Index (for FR)	8.6
Reparability Index (for BNL)	8.5

