



Part No	90NR0JF7-M00NW0
Sales Model Name	FA506NCG-HN291W
EAN Code	4711636267816
UPC Code	199291267817
WEEE	2.44
BASE UNIT	VSNR0JF7-BUA100
Marketing Name	ASUS TUF Gaming A15
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
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
Integrated 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
Surface texture of display	Anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
DIMM Memory	8GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC *2
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)
Antivirus	McAfee® 30 days free trial
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
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	N/A
Reparability Index (for FR)	8.6
Reparability Index (for BNL)	8.5