



Part No	90NR0HB4-M00010
Model Name	FX506HF-ES51
EAN Code	4.71139E+12
UPC Code	1.97105E+11
Marketing Name	ASUS TUF Gaming F15
Color	Graphite Black
Dimension (W x D x H)	35.9 x 25.6 x 2.28 ~ 2.45 cm
Weight	2.30 Kg
Processor	Intel® Core™ i5-11400H Processor 2.7 GHz (12M Cache, up to 4.5 GHz, 6 Cores)
Chipset	Mobile Intel® HM570 Express Chipsets
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce RTX™ 2050 Laptop GPU
Graphic Wattage	NVIDIA GeForce RTX2050 Laptop GPU (TGP 55W +PPAB 15W), with GDDR6 V4G
Graphic Memory	4GB GDDR6
IGPU	Intel® UHD Graphics
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	1000:1
NTSC %	45%
SRGB %	62.5%
Adobe %	47.34%
DCI-P3 %	N/A
Anti 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	8GB DDR4-3200 SO-DIMM
Total System Memory	DDR4 8GB
Memory Slot	2x SO-DIMM slots
Memory Max.	32GB
How to upgrade memory	Upgradable
System Storage Installed	512GB PCIe® 3.0 NVMe™ M.2 SSD

M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	M.2 512GB G3x4 PCIe SSD M.2 1TB G3x4 PCIe SSD
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots 2x PCIe
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 (*Bluetooth® version may change with OS version different.)
I/O Ports	1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ 3x USB 3.2 Gen 1 Type-A
Display output	1x HDMI 2.1 TMDS
Audio	1x 3.5mm Combo Audio Jack
Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
NumberPad	N/A
Aura Sync	N/A
Speakers	2-speaker system
Audio Tech	AI noise-canceling technology DTS software Support Microsoft Cortana near field/Far field
Operating System	Windows 11 Home
Antivirus	McAfee_30D
Xbox Game Pass	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Security	BIOS Administrator Password and User Password Protection Kensington Nano Security Slot™ Trusted Platform Module (Firmware TPM)
Battery	48WHrs, 3S1P, 3-cell Li-ion
Power	65.0, 150W AC Adapter, Output: 20V DC, 7.5A, 150W, Input: 100~240V AC, 50/60Hz universal
Reparability Index (for FR)	6.3

