



Part No	90NR0754-M01580
Model Name	FX506HM-HN004
EAN Code	4711081190905
UPC Code	195553190909
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™ i7-11800H Processor 2.3 GHz (24M Cache, up to 4.6 GHz, 8 Cores)
Chipset	Mobile Intel® HM570 Express Chipsets
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce RTX™ 3060 Laptop GPU
Graphic Wattage	Up to 1630MHz at 90W (95W with Dynamic Boost)
Graphic Memory	6GB 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%
Anti glare	anti-glare display
Adaptive-Sync technology	Adaptive-Sync
Pantone Validated	N/A
Total System Memory	8GB DDR4-3200 SO-DIMM *2
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	8GB DDR4-3200 SO-DIMM *2
Memory Max.	32GB
System Storage Installed	512GB M.2 NVMe™ PCIe® 3.0 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

How to upgrade memory	Upgradable
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6(802.11ax)+Bluetooth 5.2 (Dual band) 2*2 (*BT version may change with OS upgrades.)
I/O Ports	1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ 3x USB 3.2 Gen 1 Type-A//1x 3.5mm Combo Audio Jack
Thunderbolt	Thunderbolt™ 4
Display output	1x HDMI 2.0b
Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard RGB
NumberPad	N/A
Aura Sync	N/A
Speakers	2x 2W speaker
Audio Tech	DTS software
Security	BIOS Administrator Password and User Password Protection Kensington Lock
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power	ø6.0, 200W AC Adapter, Output: 20V DC, 10A, 200W, Input: 100-240V AC, 50/60Hz universal
Bundled Peripherals	N/A
Reparability Index (for FR)	6.9

