



Part No	90NR0422-M03580
Model Name	FX506LU-HN146T
EAN Code	4718017962667
UPC Code	192876962664
Marketing Name	ASUS TUF Gaming F15
Color	Bonfire Black
Dimension (W x D x H)	35.9 x 25.6 x 2.47 ~ 2.49 cm
Weight	2.30 Kg
Processor	Intel® Core™ i7-10870H Processor 2.2 GHz (16M Cache, up to 5.0 GHz, 8 cores)
Chipset	Mobile Intel® HM470 Express Chipsets
Discrete/Optimus	Optimus
Graphic	NVIDIA® GeForce® GTX 1660Ti
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	170/170
Panel Tech	Value IPS-level
Brightness	250
Contrast	1000:1
NTSC %	45%
SRGB %	62.5%
Adobe %	47.1%
DCI-P3 %	N/A
Anti glare	anti-glare display
Adaptive-Sync technology	N/A
Pantone Validated	N/A
Total System Memory	16GB DDR4 SO-DIMM(2933MHz for i5-10300H/i7-10750H/i7-10870H)
On board memory	N/A
Memory Slot	2x SO-DIMM slots
DIMM Memory	16GB DDR4 SO-DIMM(2933MHz for i5-10300H/i7-10750H/i7-10870H)
Memory Max.	32GB
System Storage Installed	512GB M.2 NVMe™ PCIe® 3.0 SSD
M.2 slots support either SATA and NVMe	2

M.2 SSD Support List	M.2 256GB PCIe SSD M.2 512GB PCIe SSD M.2 1TB PCIe SSD
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	Wi-Fi 6(802.11ax)+Bluetooth 5.1 (Dual band) 2*2 (*BT version may change with OS upgrades.)
I/O Ports	1x Type A USB 2.0 1x Type C USB 3.2 Gen 2 with Display Port and G-Sync 2x Type A USB 3.2 Gen 1//1x 3.5mm Combo Audio Jack
Thunderbolt	N/A
Display output	1x HDMI 2.0b 1x TypeC (DP 1.4a)
Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard RGB
NumberPad	N/A
Aura Sync	N/A
Speakers	Built-in speaker
Audio Tech	DTS software
Operating System	Windows 10 Home - ASUS recommends Windows 10 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Security	BIOS Administrator Password and User Password Protection Kensington Lock
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
Bundled Peripherals	N/A
Reparability Index (for FR)	6.5

