

Part No	90NR0703-M04540
Model Name	FX506HEB-HN158T
EAN Code	4711081372332
UPC Code	195553372336
Marketing Name	ASUS TUF Gaming F15
Color	Eclipse Gray
Dimension (W x D x H)	35.9 x 25.6 x 2.28 ~ 2.43 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™ 3050 Ti Laptop GPU
Graphic Wattage	Up to 1585MHz at 60W (75W with Dynamic Boost)
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	250
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 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
Expansion Slot (includes used)	2x DDR4 SO-DIMM slots
	2x PCIe
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
	3x USB 3.2 Gen 1 Type-A//1x USB 3.2 Gen 2 Type-C support DisplayPort™//1x 3.5mm Combo Audio Jack
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
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	90WHrs, 4S1P, 4-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)	6.8

