



# ASUS TUF Gaming F15 FX506HE-HN386W Intel® Core™ i7 i7-11800H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Black



**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0704-M00JF0

**Product name :** FX506HE-HN386W

- Windows 11 Home 64-bit
  - Intel Core i7-11800H (24MB Cache)
  - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6)
  - 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 512GB SSD
- Intel Core i7-11800H (24MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit



ASUS TUF Gaming F15 FX506HE-HN386W Intel® Core™ i7 i7-11800H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Home Black:

## Staying Power

Geared for serious gaming and rocking a slick new style, TUF Gaming F15 is a feature-packed Windows 10 Pro gaming laptop with the power to carry you to victory. The new GeForce RTX™ 3050 Ti GPU delivers fluid gameplay on up to a 144Hz display with 45% NTSC, while the potent Intel® Core™ i7-11800H CPU is bolstered by improved cooling that amps CPU performance and keeps acoustics stealthy. A long-lasting 90Wh battery coupled with TUF's military-grade durability keeps you on your best game anywhere.



Design		Network	
Colour name	Graphite Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	Ethernet LAN	✓
<b>Display</b>		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	39.6 cm (15.6")	Bluetooth	✓
Display resolution *	1920 x 1080 pixels	Bluetooth version	5.3
Touchscreen *	✗	<b>Ports &amp; interfaces</b>	
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	250 cd/m <sup>2</sup>	HDMI version	2.0b
RGB colour space	NTSC	Thunderbolt 4 ports quantity	1
Colour gamut	45%	Intel® Thunderbolt 4	✓
Maximum refresh rate	144 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	Charging port type	DC-in jack
<b>Processor</b>		Power adapter barrel connector	6.0 mm
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i7	<b>Performance</b>	
Processor generation	11th gen Intel® Core™ i7	Motherboard chipset	Intel HM570 Express
Processor model *	i7-11800H	Repairability index	6.8
Processor cores	8	<b>Keyboard</b>	
Processor threads	16	Pointing device	Touchpad
Processor boost frequency	4.6 GHz	Numeric keypad *	✓
Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	Smart Cache		

<b>Memory</b>		<b>Keyboard</b>	
Internal memory *	16 GB	Keyboard backlit colour	RGB
Internal memory type	DDR4-SDRAM	Keyboard backlit zone	1-zone RGB
Memory clock speed	3200 MHz	<b>Software</b>	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory layout (slots x size)	2 x 8 GB	1-month trial for new Microsoft 365 customers. Credit card required, Xbox Game Pass Ultimate_1 month (*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.)	
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB	Trial software	
<b>Storage</b>		Operating system installed *	Windows 11 Home
Total storage capacity *	512 GB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	512 GB	Number of battery cells	3
Number of SSDs installed	1	Battery capacity *	48 Wh
SSD capacity	512 GB	Fast charging	✓
SSD interface	PCI Express 3.0	Fast charging time (50%)	30 min
NVMe	✓	<b>Power</b>	
SSD form factor	M.2	AC adapter power	180 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
<b>Graphics</b>		AC adapter input voltage	100 - 240 V
Discrete GPU manufacturer	NVIDIA	AC adapter output current	9 A
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	AC adapter output voltage	20 V
Discrete graphics card memory	4 GB	<b>Security</b>	
Discrete graphics memory type	GDDR6	Cable lock slot	✓
On-board graphics card *	✓	Cable lock slot type	Kensington
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Password protection	✓
On-board graphics card family	Intel® UHD Graphics	Password protection type	BIOS, User
On-board graphics card model *	Intel® UHD Graphics	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	359 mm
Built-in microphone	✓	Depth	256 mm
<b>Camera</b>		Height (front)	2.28 cm
Front camera	✓	Height (rear)	2.45 cm
Front camera HD type	HD	Weight *	2.3 kg
		<b>Packaging content</b>	
		Mouse included	✓
		Mouse connectivity	Wired
		Bag included	✓



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