



ASUS TUF Gaming F15 FX506HE-HN018W Intel® Core™ i7 i7-11800H Laptop 39.6 cm (15.6") Full HD 8 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-M00JTO

Product name : FX506HE-HN018W



UNLIMITED ACCESS FOR 30 DAYS TO OVER 100 HIGH-QUALITY PC GAMES



- 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)
- 8GB (3200MHz) DDR4-SDRAM & 512GB SSD
- Intel Core i7-11800H (24MB Cache), 8GB 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-HN018W Intel® Core™ i7 i7-11800H Laptop 39.6 cm (15.6") Full HD 8 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		Camera	
Colour name	Graphite Black	Front camera HD type	HD
Product type *	Laptop	Network	
Product colour *	Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.3
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Display brightness	250 cd/m ²	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.0b
Maximum refresh rate	144 Hz	Thunderbolt 4 ports quantity	1
Contrast ratio (typical)	1000:1	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	DC-in jack
Processor family *	Intel® Core™ i7	Power adapter barrel connector	6.0 mm
Processor generation	11th gen Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i7-11800H	Performance	
Processor cores	8	Motherboard chipset	Intel HM570 Express
Processor threads	16	Repairability index	6.8
Processor boost frequency	4.6 GHz	Keyboard	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache		

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



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