

ASUS TUF Gaming F15 FX506HE-HN001W 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-M00KV0

Product name : FX506HE-HN001W

- 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-HN001W 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 11 gaming laptop with the power to carry you to victory. The NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU delivers fluid gameplay on a 144Hz display, while the potent Intel® Core™ i7-11800H Processor is bolstered by improved cooling that amps CPU performance and keeps acoustics stealthy. A long-lasting 48Wh battery coupled with TUF's military-grade durability keeps you on your best game anywhere.



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



Design		Network	
Colour name	Graphite Black	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Market positioning	Gaming	Bluetooth	✓
Country of origin	China	Bluetooth version	5.3
Display		Ports & interfaces	
Display diagonal *	39.6 cm (15.6")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Display resolution *	1920 x 1080 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD	HDMI version	2.0b
Native aspect ratio	16:9	Thunderbolt 4 ports quantity	1
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
Display brightness	250 cd/m²	Combo headphone/mic port	✓
RGB colour space	NTSC	Charging port type	DC-in jack
Colour gamut	45%	Power adapter barrel connector	6.0 mm
Maximum refresh rate	144 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1000:1		
Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel HM570 Express
Processor family *	Intel® Core™ i7	Repairability index	6.8
Processor generation	11th gen Intel® Core™ i7		
Processor model *	i7-11800H		
Processor cores	8		
Processor threads	16		
Processor boost frequency	4.6 GHz		
Processor cache	24 MB		
Processor cache type	Smart Cache		
		Keyboard	
		Pointing device	Touchpad
		Numeric keypad *	✓
		Keyboard backlit	✓
		Keyboard backlit colour	RGB
		Keyboard backlit zone	1-zone RGB

Memory		Software					
Internal memory *	16 GB	Operating system architecture	64-bit				
Internal memory type	DDR4-SDRAM		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 clock speed	3200 MHz						
Memory form factor	SO-DIMM						
Memory layout (slots x size)	2 x 8 GB						
Memory slots	2x SO-DIMM						
Maximum internal memory *	32 GB						
Storage		Trial software		Operating system installed *			
Total storage capacity *	512 GB						
Storage media *	SSD						
Total SSDs capacity	512 GB						
Number of SSDs installed	1						
SSD capacity	512 GB						
SSD interface	PCI Express 3.0						
NVMe	✓	Operating system installed *	Windows 11 Home				
SSD form factor	M.2						
Optical drive type *	✗						
Graphics				Battery	Lithium-Ion (Li-Ion)		
Discrete GPU manufacturer	NVIDIA						
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti						
Discrete graphics card memory	4 GB						
Discrete graphics memory type	GDDR6						
On-board graphics card *	✓						
On-board GPU manufacturer	Intel						
Discrete graphics card *	✓	Battery technology	3				
On-board graphics card family	Intel® UHD Graphics						
On-board graphics card model *	Intel® UHD Graphics						
Audio				Battery capacity *	48 Wh		
Built-in microphone	✓						
Camera						Fast charging	✓
Front camera	✓						
Front camera HD type	HD						
Network		Fast charging time (50%)	30 min				
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)						
Wi-Fi standards	Wi-Fi 6 (802.11ax)						
				Power	180 W		
		AC adapter power	50 - 60 Hz				
		AC adapter frequency	100 - 240 V				
		AC adapter input voltage	9 A				
		AC adapter output current	20 V				
		AC adapter output voltage	Security				
		Cable lock slot	✓				
		Cable lock slot type	Kensington				
		Trusted Platform Module (TPM)	✓				
		Password protection	✓				
		Password protection type	BIOS, User				
		Weight & dimensions	Width				
		Depth	359 mm				
		Height (front)	256 mm				
		Height (rear)	2.28 cm				
		Weight *	2.45 cm				
		Packaging data	2.3 kg				
		Logistics data	Commodity Classification				
		Automated Tracking System (CCATS)	8471300000				



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