

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



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)
- 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.



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/m ²	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	Performance	
Processor		Motherboard chipset	Intel HM570 Express
Processor manufacturer *	Intel	Repairability index	6.8
Processor family *	Intel® Core™ i7	Keyboard	
Processor generation	11th gen Intel® Core™ i7	Pointing device	Touchpad
Processor model *	i7-11800H	Numeric keypad *	✓
Processor cores	8	Keyboard backlit	✓
Processor threads	16	Keyboard backlit colour	RGB
Processor boost frequency	4.6 GHz	Keyboard backlit zone	1-zone RGB
Processor cache	24 MB		
Processor cache type	Smart Cache		

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	Trial software	
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	512 GB	Battery capacity *	48 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	512 GB	Fast charging time (50%)	30 min
SSD interface	PCI Express 3.0	Power	
NVMe	✓	AC adapter power	180 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	9 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Security	
Discrete graphics card memory	4 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Cable lock slot type	Kensington
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card family	Intel® UHD Graphics	Weight & dimensions	
On-board graphics card model *	Intel® UHD Graphics	Width	359 mm
Audio		Depth	256 mm
Built-in microphone	✓	Height (front)	2.28 cm
Camera		Height (rear)	2.45 cm
Front camera	✓	Weight *	2.3 kg
Front camera HD type	HD	Packaging data	
Network		Package width	103 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package depth	426 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package height	312 mm
		Package weight	4.2 kg
		Logistics data	
		Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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