

ASUS TUF Gaming F15 TUF506HM-HN210W Intel® Core™ i7 i7-11800H Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: TUF Gaming

Article code: 90NR0754-M000V0

Product name : TUF506HM-HN210W

ASUS TUF Gaming F15 TUF506HM-HN210W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-11800H, Processor frequency: 2,3 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product color: Black



Design		Camera	
Colour name	Graphite Black	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	39.6 cm (15.6")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,1000,100 Mbit/s
HD type	Full HD	Bluetooth	✓
Panel type	IPS	Bluetooth version	5.2
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
RGB colour space	sRGB	HDMI ports quantity *	1
Colour gamut	62.5%	HDMI version	2.0b
Maximum refresh rate	144 Hz	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	Charging port type	DC-in jack
Processor generation	11th gen Intel® Core™ i7	Power adapter barrel connector	6.0 mm
Processor model *	i7-11800H	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8	Performance	
Processor boost frequency	4.6 GHz	Repairability index	6.9
Processor frequency *	2.3 GHz		
Processor cache	24 MB		

Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR4-SDRAM	Keyboard layout	AZERTY
Memory clock speed	2933 MHz	Keyboard language	French
Memory form factor	SO-DIMM	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	32 GB	Keyboard backlit colour	RGB
Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
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	4
SSD interface	NVMe, PCI Express 3.0	Battery capacity *	90 Wh
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	200 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete GPU manufacturer	NVIDIA	AC adapter output current	10 A
Discrete graphics card model *	NVIDIA GeForce RTX 3060	AC adapter output voltage	20 V
Discrete graphics card memory	6 GB	Security	
Discrete graphics memory type	GDDR6	Cable lock slot	✓
On-board graphics card *	✓	Cable lock slot type	Kensington
On-board GPU manufacturer	Intel	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Audio		Width	359 mm
Number of built-in speakers	2	Depth	256 mm
Built-in microphone	✓	Height (front)	2.28 cm
		Height (rear)	2.45 cm
		Weight *	2.3 kg



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