



**ASUS TUF Gaming F15 FX506HF-HN001W notebook i5-11400H
39.6 cm (15.6") Full HD Intel® Core™ i5 8 GB DDR4-SDRAM 512 GB
SSD NVIDIA GeForce RTX 2050 Wi-Fi 6 (802.11ax) Windows 11
Home Black**

Brand : ASUS

Product family: TUF Gaming

Product code: FX506HF-HN001W

Product name : FX506HF-HN001W



- Windows 11 Home 64-bit
- Intel Core i5-11400H (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 2050 (4GB GDDR6)
- 8GB (3200MHz) DDR4-SDRAM & 512GB SSD
Intel Core i5-11400H (12MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 2050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
ASUS TUF Gaming F15 FX506HF-HN001W. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-11400H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 2050. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name	Graphite Black	Front camera HD type	HD
Product type *	Notebook	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	5.2
Panel type	IPS	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
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor generation	11th gen Intel® Core™ i5	Thunderbolt 4 ports quantity	1
Processor model *	i5-11400H	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i5	Combo headphone/mic port	✓
Processor boost frequency	4.5 GHz	Charging port type	DC-in jack
Processor cores	6	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	12 MB	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	8 GB	Numeric keypad *	✓
Internal memory type	DDR4-SDRAM	Keyboard backlit	✓
Memory clock speed	3200 MHz	Software	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		

Storage		Software	
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	3
SSD capacity	512 GB	Battery capacity *	48 Wh
SSD interface	PCI Express 3.0	Power	
NVMe	✓	AC adapter power	150 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	7.5 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 2050	Security	
On-board graphics card *	✓	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card model *	Intel® UHD Graphics	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	4 GB	Password protection	✓
Discrete graphics memory type	GDDR6	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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