



# ASUS TUF Gaming F15 FX506HF-HN001W Intel® Core™ i5 i5-11400H Laptop 39.6 cm (15.6") Full HD 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:** 90NR0HB4-M000F0

**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: Laptop, 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		Network	
Colour name	Graphite Black	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	Ethernet LAN	✓
Market positioning	Gaming	Ethernet LAN data rates	10,100,1000 Mbit/s
Country of origin	China	Bluetooth	✓
<b>Display</b>		Bluetooth version	5.3
Display diagonal *	39.6 cm (15.6")	<b>Ports &amp; interfaces</b>	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	Full HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.1
Native aspect ratio	16:9	Thunderbolt 4 ports quantity	1
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
<b>Processor</b>		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	DC-in jack
Processor family *	Intel® Core™ i5	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	11th gen Intel® Core™ i5	<b>Keyboard</b>	
Processor model *	i5-11400H	Pointing device	Touchpad
Processor cores	6	Numeric keypad *	✓
Processor boost frequency	4.5 GHz	Keyboard backlit	✓
Processor cache	12 MB	<b>Software</b>	
<b>Memory</b>		Operating system architecture	64-bit
Internal memory *	8 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR4-SDRAM	<b>Battery</b>	
Memory clock speed	3200 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		

<b>Memory</b>		<b>Battery</b>	
Maximum internal memory *	32 GB	Number of battery cells	3
<b>Storage</b>		Battery capacity *	48 Wh
Total storage capacity *	512 GB	<b>Power</b>	
Storage media *	SSD	AC adapter power	150 W
Total SSDs capacity	512 GB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	512 GB	AC adapter output current	7.5 A
SSD interface	PCI Express 3.0	AC adapter output voltage	20 V
NVMe	✓	<b>Security</b>	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 2050	Password protection type	BIOS, User
Discrete graphics card memory	4 GB	<b>Weight &amp; dimensions</b>	
Discrete graphics memory type	GDDR6	Width	359 mm
On-board graphics card *	✓	Depth	256 mm
On-board GPU manufacturer	Intel	Height (front)	2.28 cm
Discrete graphics card *	✓	Height (rear)	2.45 cm
On-board graphics card model *	Intel® UHD Graphics	Weight *	2.3 kg
<b>Audio</b>		<b>Packaging data</b>	
Built-in microphone	✓	Package width	103 mm
<b>Camera</b>		Package depth	426 mm
Front camera	✓	Package height	312 mm
Front camera HD type	HD	Package weight	4.2 kg
<b>Network</b>		<b>Logistics data</b>	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Commodity Classification Automated Tracking System (CCATS)	8471300000



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