

ASUS TUF Gaming F15 FX506HC-HN057W i5-11400H Notebook
39.6 cm (15.6") Full HD Intel® Core™ i5 16 GB DDR4-SDRAM 512
GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11
Home Black

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0724-M00UY0

Product name : FX506HC-HN057W

15.6" FHD (1920 x 1080) IPS 144 Hz, Intel Core i5-11400 (12M Cache, up to 4.40 GHz), Intel UHD Graphics 730 + NVIDIA GeForce RTX 3050 4 GB GDDR6, 16 GB DDR4 3200 MHz, 512 GB SSD, Gigabit Ethernet, WLAN, Bluetooth, Windows 11 Home

ASUS TUF Gaming F15 FX506HC-HN057W. 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: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 730, Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Graphite Black	Speaker power	2 W
Product type *	Notebook	Built-in microphone	✓
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera resolution	1280 x 720 pixels
Introduction year	2021	Front camera HD type	HD
Display		Network	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:9	Bluetooth	✓
Anti-glare screen	✓	Bluetooth version	5.2
Display brightness	250 cd/m²	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	144 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000:1	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor generation	11th gen Intel® Core™ i5	Combo headphone/mic port	✓
Processor model *	i5-11400H	Charging port type	DC-in jack
Processor family *	Intel® Core™ i5	Power adapter barrel connector	6.0 mm
Processor boost frequency	4.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	6		
Processor cache	12 MB		

Processor		Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	16 GB	Keyboard backlit	✓
Internal memory type	DDR4-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	3200 MHz	Keyboard backlit zone	1-zone RGB
Memory form factor	SO-DIMM	Island-style keyboard	✓
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage		Trial software	Microsoft 365
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	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	Security	
On-board graphics card *	✓	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card family	Intel® UHD Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel UHD Graphics 730	Password protection	✓
On-board graphics card 4K support	✓	Password protection type	BIOS, Supervisor, User
Discrete graphics card memory	4 GB	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	359 mm
Graphics card Open GL support	✓	Depth	256 mm
Audio		Height (front)	2.28 cm
Number of built-in speakers	2	Height (rear)	2.45 cm
		Weight *	2.3 kg



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