

**ASUS TUF Gaming F15 FX507ZC4-HN226W laptop Intel® Core™ i5 i5-12500H 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey**

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** FX507ZC4-HN226W

**Product name :** FX507ZC4-HN226W

- Windows 11 Home 64-bit  
 - Intel Core i5-12500H (18MB Cache)  
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)  
 - 8GB (3200MHz) DDR4-SDRAM & 512GB SSD  
 Intel Core i5-12500H (18MB Cache), 8GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS TUF Gaming F15 FX507ZC4-HN226W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12500H. 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 Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Home. Product colour: Black, Grey



Design		Network	
Product type *	Laptop	Antenna type	2x2
Product colour *	Black, Grey	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Market positioning	Gaming	Bluetooth	✓
Display		Bluetooth version	5.2
Display diagonal *	39.6 cm (15.6")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	Ethernet LAN (RJ-45) ports	1
Panel type	IPS	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.0b
Anti-glare screen	✓	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i5	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	12th gen Intel® Core™ i5	Keyboard	
Processor model *	i5-12500H	Pointing device	Touchpad
Processor cores	12	Numeric keypad *	✓
Processor boost frequency	4.5 GHz	Keyboard backlit	✓
Processor cache	18 MB	Software	
Configurable TDP-down	35 W	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Processor special features	
Internal memory type	DDR4-SDRAM	Intel Flex Memory Access	✓
Memory clock speed	3200 MHz	Intel Trusted Execution Technology	✓
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 2 GB		
Memory slots	2x SO-DIMM		

Memory		Processor special features	
Maximum internal memory *	32 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	512 GB	CPU configuration (max)	1
Storage media *	SSD	Embedded options available	✗
Total SSDs capacity	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Virtualization Technology (VT-x)	✓
SSD capacity	512 GB	Battery	
SSD interface	PCI Express 3.0	Battery technology	Lithium-Ion (Li-Ion)
NVMe	✓	Number of battery cells	4
SSD form factor	M.2	Battery capacity *	56 Wh
Optical drive type *	✗	Power	
Graphics		AC adapter power	200 W
Discrete GPU manufacturer	NVIDIA	AC adapter frequency	50 - 60 Hz
Discrete graphics card model *	NVIDIA GeForce RTX 3050	AC adapter input voltage	100 - 240 V
Discrete graphics card memory	4 GB	AC adapter output current	10 A
Discrete graphics memory type	GDDR6	AC adapter output voltage	20 V
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Cable lock slot	✓
Discrete graphics card *	✓	Cable lock slot type	Kensington
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
Audio		Password protection	✓
Audio system	Dolby Atmos	Password protection type	BIOS, User
Number of built-in speakers	2	Weight & dimensions	
Built-in microphone	✓	Width	354 mm
Camera		Depth	251 mm
Front camera	✓	Height (front)	2.24 cm
Front camera resolution	1280 x 720 pixels	Height (rear)	2.49 cm
Front camera HD type	HD	Weight *	2.2 kg
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Mobile network connection *	✗		



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