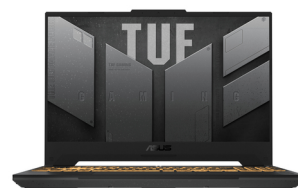


ASUS TUF Gaming F15 FX507ZC4-HN246W Intel® Core™ i5 i5-12500H Laptop 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Article code: 90NR0GW2-M00M70

Product name : FX507ZC4-HN246W

ASUS TUF Gaming F15 FX507ZC4-HN246W. 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 color: Black, Grey

Design		Audio	
Colour name	Jaeger Gray	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black, Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Introduction year	2023	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	Full HD	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
RGB colour space	NTSC	Bluetooth version	5.2
Colour gamut	45%	Ports & interfaces	
Maximum refresh rate	144 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i5	HDMI ports quantity *	1
Processor generation	12th gen Intel® Core™ i5	HDMI version	2.0b
Processor model *	i5-12500H	Thunderbolt 4 ports quantity	1
Processor cores	12	Intel® Thunderbolt 4	✓
Processor boost frequency	4.5 GHz	Combo headphone/mic port	✓
Performance cores	4	Power adapter barrel connector	6.0 mm
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.5 GHz	Performance	
Efficient-core Max Turbo Frequency	3.3 GHz	Repairability index	7.3
Processor cache	18 MB		
Processor cache type	Smart Cache		
Processor base power	45 W		
Maximum turbo power	95 W		

Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR4-SDRAM	Numeric keypad *	✓
Memory clock speed	3200 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory layout (slots x size)	1 x 16 GB	Keyboard backlit zone	1-zone RGB
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	512 GB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	512 GB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	56 Wh
SSD capacity	512 GB	Power	
SSD interface	PCI Express 3.0	AC adapter power	200 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	10 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Cable lock slot	✓
Discrete graphics card memory	4 GB	Cable lock slot type	Kensington
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM)	✓
On-board graphics card *	✓	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card family	Intel Iris Xe Graphics	Weight & dimensions	
On-board graphics card model *	Intel Iris Xe Graphics	Width	354 mm
NVIDIA G-SYNC	✓	Depth	251 mm
		Height (front)	2.24 cm
		Height (rear)	2.49 cm
		Weight *	2.2 kg



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