## ASUS TUF Gaming F15 FX507ZC4-HN220W 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-M00JW0

Product name: FX507ZC4-

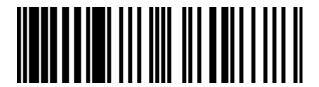
HN220W

ASUS TUF Gaming F15 FX507ZC4-HN220W. 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	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	<b>✓</b>
Product colour *	Black, Grey	Camera	
Form factor *	Clamshell	Front camera	<b>/</b>
Market positioning	Gaming	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	39.6 cm (15.6")	•	110
Display resolution *	1920 x 1080 pixels	Network	
Touchscreen *	×	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
HD type	Full HD	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Panel type	IPS	Mobile network connection *	×
Native aspect ratio	16:9	Antenna type	2x2
Anti-glare screen	<b>✓</b>	Ethernet LAN	✓
RGB colour space	sRGB	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	62.5%	Bluetooth	✓
Maximum refresh rate	144 Hz	Bluetooth version	5.2
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	2
Processor family *	Intel® Core™ i5	ports quantity *	_
Processor generation	12th gen Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor model *	i5-12500H	Ethernet LAN (RI-45) ports	1
Processor cores	12	HDMI ports quantity *	1
Processor boost frequency	4.5 GHz	HDMI version	2.0b
Performance cores	4	Thunderbolt 4 ports quantity	1
Efficient cores	8	Intel® Thunderbolt 4	- /
Performance-core Max Turbo Frequency	4.5 GHz	Combo headphone/mic port	<ul><li>✓</li></ul>
Efficient-core Max Turbo Frequency	3.3 GHz	Power adapter barrel connector	6.0 mm

Processor		Ports & interfaces	
Processor cache Processor cache type	18 MB Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	45 W	Performance	
Maximum turbo power	95 W	Repairability index	7.3
Memory		Keyboard	
Internal memory * Internal memory type Memory clock speed Memory form factor Memory slots Maximum internal memory * Memory channels	16 GB DDR4-SDRAM 3200 MHz SO-DIMM 2x SO-DIMM 32 GB Dual-channel	Pointing device Numeric keypad * Keyboard backlit Keyboard backlit colour Keyboard backlit zone Software	Touchpad ✓ ✓ RGB 1-zone RGB
,	Dual-Channel	Operating system architecture	64-bit
Storage  Total storage capacity * Storage media * Total SSDs capacity Number of SSDs installed SSD capacity SSD interface	512 GB SSD 512 GB 1 512 GB PCI Express 3.0  M.2  X	Operating system installed *	Windows 11 Home
		Battery	
		Battery technology Number of battery cells Battery capacity *	Lithium-Ion (Li-Ion) 4 56 Wh
		Power	
NVMe SSD form factor Optical drive type *		AC adapter power AC adapter frequency AC adapter input voltage	200 W 50 - 60 Hz 100 - 240 V
Graphics		AC adapter output current	10 A
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card *	NVIDIA NVIDIA GeForce RTX 3050 4 GB GDDR6  ✓ Intel	AC adapter output voltage	20 V
		Security	
		Cable lock slot Cable lock slot type Trusted Platform Module (TPM) Password protection Password protection type	Kensington  BIOS, User
On-board graphics card model *	Intel Iris Xe Graphics	Weight & dimensions	
Audio Audio system	Dolby Atmos	Width Depth Height (front) Height (rear)	354 mm 251 mm 2.24 cm 2.49 cm



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