ASUS TUF Gaming F15 FX507ZC4-DS71-CA Intel® Core™ i7 i7-12700H 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 Grey**

Product family: TUF Gaming Product code: 90NR0GW1-

M007K0

Product name: FX507ZC4-

DS71-CA

Brand: ASUS

- Windows 11 Home 64-bit
- Intel Core i7-12700H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB (3200MHz) DDR4-SDRAM & 512GB SSD

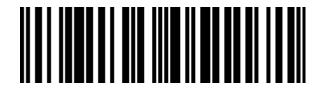
Intel Core i7-12700H (24MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming F15 FX507ZC4-DS71-CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12700H. 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: Grey



Design		Network	
Product type * Product colour * Form factor * Housing material Market positioning Display	Laptop Grey Clamshell Aluminium Gaming	Mobile network connection * Antenna type Ethernet LAN Ethernet LAN data rates Bluetooth	x 2x2 10,100,1000 Mbit/s
Display diagonal *	39.6 cm (15.6")	Bluetooth version Ports & interfaces	5.2
Display resolution * 1920 x 1080 pixels Touchscreen * HD type Full HD Panel type IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	
		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports HDMI ports quantity *	1
Anti-glare screen	√	HDMI version	2.0b
RGB colour space Colour gamut	sRGB 62.5%	Thunderbolt 4 ports quantity	1
Maximum refresh rate	144 Hz	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family * Processor generation	Intel® Core™ i7 12th gen Intel® Core™ i7	Keyboard	
Processor model *	i7-12700H	Pointing device	Touchpad
Processor cores	14	Numeric keypad *	✓
Processor boost frequency	4.7 GHz	Keyboard backlit	✓
Processor cache	24 MB	Keyboard backlit colour	RGB
Configurable TDP-down	35 W	Keyboard backlit zone	1-zone RGB
Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit

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Memory		Software	
Internal memory type	DDR4-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	3200 MHz	Processor special features	
Memory form factor Memory slots	SO-DIMM 2x SO-DIMM	Intel Flex Memory Access	✓
Maximum internal memory *	24 GB	Intel Trusted Execution Technology	✓
Storage		Intel VT-x with Extended Page Tables (EPT)	✓
Total storage capacity *	512 GB	Execute Disable Bit	✓
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	512 GB	Embedded options available	×
Number of SSDs installed SSD capacity	1 512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface NVMe	PCI Express 3.0	Intel Virtualization Technology (VT-x)	✓
SSD form factor	M.2	Battery	
Optical drive type *	×	Battery technology	Lithium-lon (Li-lon)
Graphics		Number of battery cells	4
Discrete GPU manufacturer	NVIDIA	Battery capacity *	56 Wh
Discrete graphics card model *	NVIDIA NVIDIA GeForce RTX 3050	Power	
Discrete graphics card memory	4 GB	AC adapter power	200 W
Discrete graphics memory type	GDDR6	AC adapter frequency	50 - 60 Hz
On-board graphics card *	✓	AC adapter input voltage	100 - 240 V
On-board GPU manufacturer	Intel	AC adapter output current	10 A
Discrete graphics card *	✓	AC adapter output voltage	20 V
On-board graphics card model *	Intel Iris Xe Graphics	Security	
NVIDIA G-SYNC	✓	Cable lock slot	1
Audio		Cable lock slot type	Kensington
Audio system	Dolby Atmos	Trusted Platform Module (TPM)	✓
Number of built-in speakers	2	Password protection	✓
Built-in microphone	✓	Password protection type	BIOS, User
Camera		Weight & dimensions	
Front camera	✓	Width	354 mm
Front camera resolution	1280 x 720 pixels	Depth	251 mm
Front camera HD type	HD	Height (front)	2.24 cm
Network		Height (rear) Weight *	2.49 cm 2.2 kg
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	weight.	2.2 ky
Wi-Fi standards	Wi-Fi 6 (802.11ax)		





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Catalog Object Cloud



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