ASUS TUF Gaming F15 FX507VI-LP075W-BE Intel® Core™ i7 i7-13620H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0FH7-M00660

Product name : FX507VI-LP075W-BE

- Windows 11 Home 64-bit

- Intel Core i7-13620H (24MB Cache)

- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4070 (8GB GDDR6)

- 16GB (4800MHz) DDR5-SDRAM & 1000GB SSD

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming F15 FX507VI-LP075W-BE. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core [™] i7, Processor model: i7-13620H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Black, Grey







Design		Camera	
Colour name	Mecha Gray	Front camera	4
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black, Grey	Network	
Form factor * Market positioning	Clamshell Gaming	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Introduction year	2023	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display		Mobile network connection * Antenna type	× 2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	2.82
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	×	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.1
Panel type	IPS	Ports & interfaces	
Native aspect ratio	16:9		
Anti-glare screen	1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness 250 cd/n RGB colour space sRGB	250 cd/m² sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Colour gamut	100%	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	4
Processor family *	Intel® Core™ i7	Combo headphone/mic port	4
Processor generation	13th gen Intel® Core [™] i7	USB Type-C DisplayPort Alternate Mode	4
Processor model *	i7-13620H	USB Power Delivery	4
Processor cores	10	Keyboard	
Processor boost frequency	4.9 GHz	Pointing device	Touchpad
Performance cores	6	Keyboard layout	AZERTY
Efficient cores	4	Keyboard language	Belgian
Performance-core Max Turbo Frequency	4.9 GHz	Numeric keypad *	
Efficient-core Max Turbo Frequency	3.6 GHz	Keyboard backlit	1
Processor cache	24 MB	Keyboard backlit colour	RGB
Processor cache type	Smart Cache	Keyboard backlit zone	1-zone RGB

Processor		Software	
Processor base power	45 W	Operating system architecture	64-bit
Maximum turbo power Memory	115 W	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type Memory clock speed Memory form factor Memory slots Maximum internal memory * Memory channels	DDR5-SDRAM 4800 MHz SO-DIMM 2x SO-DIMM 32 GB Dual-channel	Bundled software	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
		Battery	
Storage Total storage capacity * Storage media * Total SSDs capacity	1 TB SSD 1 TB	Battery technology Number of battery cells Battery capacity *	Lithium-lon (Li-lon) 4 90 Wh
Number of SSDs installed	1	Power	
SSD capacity SSD interface NVMe SSD form factor Optical drive type *	1 TB PCI Express 4.0 ✓ M.2	AC adapter power AC adapter frequency AC adapter input voltage AC adapter output current AC adapter output voltage	240 W 50 - 60 Hz 100 - 240 V 12 A 20 V
Graphics		Security	
Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer	NVIDIA GeForce RTX 4070 8 GB GDDR6 ✓ Intel	Cable lock slot Cable lock slot type Trusted Platform Module (TPM) Password protection Password protection type	✔ Kensington ✔ ✔ BIOS, User
Discrete graphics card *	4	Sustainability	
On-board graphics card model * NVIDIA G-SYNC	Intel Iris Xe Graphics Intel Iris Xe Graphics 	Sustainability certificates	EPEAT Bronze, ENERGY STAR
	•	Weight & dimensions	
Audio Audio system Number of built-in speakers Built-in microphone	Dolby Atmos 2	Width Depth Height (front) Height (rear) Weight *	354 mm 251 mm 2.24 cm 2.49 cm 2.2 kg





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