



ASUS TUF Gaming F15 FX507VU-LP150W Laptop 39.6 cm (15.6") Full HD Intel® Core™ i7 i7-13620H 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0CJ7-M00D40

Product name : FX507VU-LP150W

- 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 4050 (6GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
 Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS TUF Gaming F15 FX507VU-LP150W. 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: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product colour: Black, Grey



Design		Camera	
Colour name	Mecha Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Black, Grey	Front camera HD type	HD
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Introduction year	2023	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Country of origin	China	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.2
Panel type	IPS	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	250 cd/m ²	HDMI ports quantity *	1
RGB colour space	sRGB	HDMI version	2.1
Colour gamut	100%	Thunderbolt 4 ports quantity	1
Maximum refresh rate	144 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		Power adapter barrel connector	6.0 mm
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	13th gen Intel® Core™ i7	USB Power Delivery	✓
Processor family *	Intel® Core™ i7		
Processor model *	i7-13620H		
Processor boost frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	3.6 GHz		

Processor		Keyboard	
Performance-core Max Turbo Frequency	4.9 GHz	Pointing device	Touchpad
Processor cores	10	Numeric keypad *	✓
Performance cores	6	Keyboard backlit	✓
Efficient cores	4	Keyboard backlit colour	RGB
Processor cache	24 MB	Keyboard backlit zone	1-zone RGB
Processor cache type	Smart Cache	Software	
Processor base power	45 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM	Number of battery cells	4
Memory clock speed	4800 MHz	Battery capacity *	90 Wh
Memory form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	2 x 8 GB	Fast charging time (50%)	30 min
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	32 GB	AC adapter power	240 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	12 A
Total SSDs capacity	512 GB	AC adapter output voltage	20 V
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, User
Graphics		Sustainability	
Discrete GPU manufacturer	NVIDIA	Sustainability compliance	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Sustainability certificates	ENERGY STAR
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card *	✓	Width	354 mm
On-board graphics card family	Intel® UHD Graphics	Depth	251 mm
On-board graphics card model *	Intel® UHD Graphics	Height (front)	2.24 cm
Discrete graphics card memory	6 GB	Height (rear)	2.49 cm
Discrete graphics memory type	GDDR6	Weight *	2.2 kg
NVIDIA G-SYNC	✓	Packaging data	
Audio		Package width	103 mm
Audio system	Dolby Atmos	Package depth	426 mm
Number of built-in speakers	2	Package height	312 mm
Built-in microphone	✓	Package weight	3.29 kg
		Logistics data	
		Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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