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

Product family: TUF Gaming Product code: 90NR0CJ7-

M00D40

Product name: FX507VU-

LL120M

**Brand:** ASUS

- 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  $\times$  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





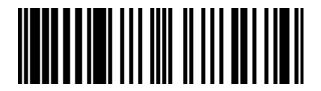






Design		Camera	
Colour name	Mecha Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Black, Grey	Front camera HD type	HD
Form factor *	Clamshell	Network	
Market positioning Introduction year	Gaming 2023	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Country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

Processor		Software	
Processor cache	24 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Home
Processor base power  Maximum turbo power	45 W 115 W	Battery	
Memory	113 W	Battery technology	Lithium-lon (Li-lon)
•	16 GB	Number of battery cells	4 90 Wh
Internal memory * Internal memory type	DDR5-SDRAM	Battery capacity * Fast charging	90 WII
Memory clock speed	4800 MHz	Fast charging time (50%)	30 min
Memory form factor Memory layout (slots x size)	SO-DIMM 2 x 8 GB	Power	
			240 W
Memory slots	2x SO-DIMM	AC adapter power AC adapter frequency	50 - 60 Hz
Maximum internal memory *	32 GB	AC adapter input voltage	100 - 240 V
Storage		AC adapter output current	12 A
Total storage capacity * Storage media *	512 GB SSD	AC adapter output voltage	20 V
		Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed SSD capacity	1 512 GB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, User
Optical drive type *	×	Sustainability	
Graphics		Sustainability compliance	<b>√</b>
Discrete GPU manufacturer	NVIDIA	Sustainability certificates	EPEAT Bronze, ENERGY STAR
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Weight & dimensions	
Discrete graphics card memory	6 GB	Width	354 mm
Discrete graphics memory type	GDDR6	Depth (fact)	251 mm
On-board graphics card * Discrete graphics card *	1	Height (front) Height (rear)	2.24 cm 2.49 cm
On-board graphics card family	Intel® UHD Graphics	Weight *	2.2 kg
On-board graphics card model *	Intel® UHD Graphics	Packaging data	
NVIDIA G-SYNC	✓	Package width	103 mm
Audio		Package depth	426 mm
Audio system	Dolby Atmos	Package height	312 mm
Number of built-in speakers	2	Package weight	3.29 kg
Built-in microphone	<b>√</b>	Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000





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