



# ASUS TUF Gaming F15 FX507VV-LP148W Intel® Core™ i7 i7-13620H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0BV7-M009L0

Product name : FX507VV-LP148W



UNLIMITED ACCESS FOR 3 MONTHS TO OVER 100 HIGH-QUALITY PC GAMES

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming F15 FX507VV-LP148W Intel® Core™ i7 i7-13620H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey:

ASUS TUF GAMING F15

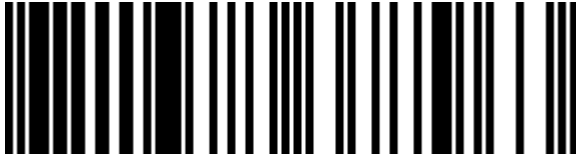
## Mechanised endurance. Battlefield brilliance.

Featuring an Intel® Core™ i7-13620H Processor, an NVIDIA® GeForce RTX™ 4060 Laptop GPU, and a dedicated MUX Switch with NVIDIA® Advanced Optimus, prepare to crank the graphics settings in all the latest games. All that horsepower drives a gorgeous FHD 144 Hz panel with G-SYNC support, ensuring buttery smooth motion on screen. Keep your cool in the heat of extended gaming sessions with dual 84-blade Arc Flow Fans™ and a network of five heat pipes that efficiently wick heat out of the chassis.



Design		Audio	
Colour name	Mecha Gray	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black, Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Introduction year	2023	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	Full HD	Mobile network connection *	✗
Panel type	IPS	Antenna type	2x2
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	250 cd/m <sup>2</sup>	Bluetooth version	5.1
RGB colour space	sRGB	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	144 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel® Core™ i7	Thunderbolt 4 ports quantity	1
Processor generation	13th gen Intel® Core™ i7	Intel® Thunderbolt 4	✓
Processor model *	i7-13620H	Combo headphone/mic port	✓
Processor cores	10	Power adapter barrel connector	6.0 mm
Processor boost frequency	4.9 GHz		
Performance cores	6		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient cores	4	USB Type-C DisplayPort Alternate Mode	✓
Performance-core Max Turbo Frequency	4.9 GHz	USB Power Delivery	✓
Efficient-core Max Turbo Frequency	3.6 GHz	<b>Keyboard</b>	
Processor cache	24 MB	Pointing device	Touchpad
Processor cache type	Smart Cache	Numeric keypad *	✓
Processor base power	45 W	Keyboard backlit	✓
Maximum turbo power	115 W	Keyboard backlit colour	RGB
<b>Memory</b>		Keyboard backlit zone	1-zone RGB
Internal memory *	16 GB	<b>Software</b>	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	4800 MHz	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM	<b>Battery</b>	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	90 Wh
<b>Storage</b>		Fast charging	✓
Total storage capacity *	1 TB	Fast charging time (50%)	30 min
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	1 TB	AC adapter power	240 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	12 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	<b>Security</b>	
Optical drive type *	✗	Cable lock slot	✓
<b>Graphics</b>		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR6	<b>Sustainability</b>	
On-board graphics card *	✓	Sustainability compliance	✓
Discrete graphics card *	✓	Sustainability certificates	EPEAT Bronze, ENERGY STAR
On-board graphics card family	Intel® UHD Graphics	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel® UHD Graphics	Width	354 mm
NVIDIA G-SYNC	✓	Depth	251 mm
		Height (front)	2.24 cm
		Height (rear)	2.49 cm
		Weight *	2.2 kg



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