



# ASUS TUF Gaming F15 FX507ZV4-LP001W Intel® Core™ i7 i7-12700H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey



**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0FA7-M000A0

**Product name :** FX507ZV4-LP001W

- 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 4060 (8GB GDDR6)
  - 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 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 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming F15 FX507ZV4-LP001W Intel® Core™ i7 i7-12700H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey:



## Mechanized endurance. Battlefield brilliance.

### DESIGN

#### BRAND NEW DESIGN

The chassis has been redesigned for 2023, now 4.5% smaller than the previous design. The two color options each have a different logo location, with the Jaeger Gray edition featuring a large laser-sculpted design, and the Mecha Gray edition showing off an embossed logo on the lid. The four-way indicators can be seen even while the clamshell is closed, and the touchpad features a mech-inspired TUF logo in the corner.

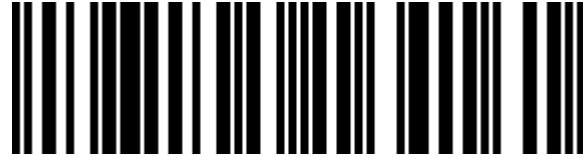


Design		Camera	
Colour name	Mecha Gray	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Grey	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6 (802.11ax)
<b>Display</b>		Mobile network connection *	✗
Display diagonal *	39.6 cm (15.6")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✓
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.2
Panel type	IPS	<b>Ports &amp; interfaces</b>	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C 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
<b>Processor</b>		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i7	Combo headphone/mic port	✓
Processor generation	12th gen Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i7-12700H	USB Power Delivery	✓
Processor cores	14	<b>Keyboard</b>	
Processor boost frequency	4.7 GHz	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✓
Configurable TDP-down	35 W	Keyboard backlit	✓
<b>Memory</b>			
Internal memory *	16 GB		

<b>Memory</b>		<b>Keyboard</b>	
Internal memory type	DDR4-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	3200 MHz	<b>Software</b>	
Memory form factor	SO-DIMM	Operating system architecture	64-bit
Memory layout (slots x size)	2 x 8 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	<b>Processor special features</b>	
Maximum internal memory *	32 GB	CPU configuration (max)	1
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	512 GB	Battery capacity *	90 Wh
Number of SSDs installed	1	<b>Power</b>	
SSD capacity	512 GB	AC adapter power	240 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✓	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	12 A
Optical drive type *	✗	AC adapter output voltage	20 V
<b>Graphics</b>		<b>Security</b>	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Cable lock slot type	Kensington
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR6	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
On-board GPU manufacturer	Intel	<b>Sustainability</b>	
Discrete graphics card *	✓	Sustainability certificates	EPEAT Bronze, ENERGY STAR
On-board graphics card model *	Intel Iris Xe Graphics	<b>Weight &amp; dimensions</b>	
NVIDIA G-SYNC	✓	Width	354 mm
<b>Audio</b>		Depth	251 mm
Audio system	Dolby Atmos	Height (front)	2.24 cm
Number of built-in speakers	2	Height (rear)	2.49 cm
Built-in microphone	✓	Weight *	2.2 kg



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