

Laptops

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All laptops > Gaming laptops > ASUS TUF Gaming F15 FX507VU-LP139

Laptop processor ranking

Laptop brands list

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ASUS TUF Gaming F15 FX507VU-LP139

Price and specs

Main specs

Processor

[Intel Core i7-13620H](#)

RAM

16GB DDR4-SDRAM

Screen

15.6" 1920x1080 144Hz

Operating system

N

Hard drive

1TB SSD M.2

Graphics card

NVIDIA GeForce RTX 4050 6GB GDDR6

+5

amazon

See price

Alternatives with same CPU

ASUS TUF Gaming F15 FX507VU-LP139W

1099 € 9.5 🔥 56 Intel Core i7 i7-13620H 15.6" 1920x1080 IPS 144Hz 16GB DDR5-SDRAM 512GB SSD M.2 Windows 11 Home
NVIDIA GeForce RTX 4060 8GB GDDR6

ASUS ROG Zephyrus G16 GU603VI-N4014W 90NR0G33-M003T0

2055.48 € 9 🔥 64 Intel Core i7 i7-13620H 16" 2560x1600 IPS 240Hz 16GB DDR4-SDRAM 1TB SSD M.2 Windows 11 Home
NVIDIA GeForce RTX 4070 8GB GDDR6

OMEN Laptop 17 cm 2630nd met
NVIDIA GeForce RTX 4070

5%

Victus Gaming Laptop 15-
to1020nd met NVIDIA GeForce
RTX 4050

9%

Full specifications

Reference 90NR0CJ7-M009C0	Release date 03-2024, 1 week ago
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Design

Product type Laptop	Product colour Black,Grey	Form factor Clamshell	Colour name Mecha Gray
Market positioning Gaming			

Display

Display diagonal 39,6 cm	Display resolution 1920 x 1080 pixels	Touchscreen No	HD type Full HD
LED backlight Yes	Native aspect ratio 16:9	Anti-glare screen Yes	Display brightness 250 cd/m²
RGB colour space sRGB	Colour gamut 100 %	Maximum refresh rate 144 Hz	

Processor

Processor family Intel® Core™ i7	Processor manufacturer Intel	Processor model i7-13620H	Processor generation 13th gen Intel® Core™ i7
Processor boost frequency 4,9 GHz	Efficient-core Max Turbo Frequency 3,6 GHz	Performance-core Max Turbo Frequency 4,9 GHz	Processor cores 10
Performance cores 6	Efficient cores 4	Processor cache 24 MB	Processor cache type Smart Cache
Processor base power 45 W	Maximum turbo power 115 W		

Memory

Internal memory 16 GB	Maximum internal memory 32 GB	Internal memory type DDR4-SDRAM	Memory clock speed 3200 MHz
Memory form factor SO-DIMM	Memory slots 2x SO-DIMM		

Storage

Total storage capacity 1 TB	Storage media SSD	Optical drive type No	Total SSDs capacity 1 TB
Number of SSDs installed 1	SSD capacity 1 TB	SSD interface PCI Express 4.0	NVMe Yes
SSD form factor M.2			

Graphics

On-board graphics card Yes	Discrete graphics card Yes	Discrete graphics card model NVIDIA GeForce RTX 4050	On-board graphics card model Intel® UHD Graphics
Discrete GPU manufacturer NVIDIA	On-board GPU manufacturer Intel	On-board graphics card family Intel® UHD Graphics	Discrete graphics card memory 6 GB
Discrete graphics memory type GDDR6			

Audio

Audio system Dolby Atmos	Number of built-in speakers 2	Built-in microphone Yes
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Camera

Front camera	Front camera HD type
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Laptops

Network

Compare laptops

Laptop processor ranking

Mobile network connection

Laptop brands list

Top Wi-Fi standard

Wi-Fi 6 (802.11ax)

Wi-Fi standards

Wi-Fi 6 (802.11ax)

Antenna type

2x2

Ethernet LAN

Yes

Ethernet LAN data rates

10,100,1000 Mbit/s

Bluetooth

Yes

Bluetooth version

5.2

Ports & interfaces

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USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity

2

HDMI ports quantity

1

USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity

1

Ethernet LAN (RJ-45) ports

1

HDMI version

2.1

Thunderbolt 4 ports quantity

1

Intel® Thunderbolt 4

Yes

Combo headphone/mic port

Yes

Power adapter barrel connector

6.0 mm

USB Type-C DisplayPort Alternate Mode

Yes

USB Power Delivery

Yes

Keyboard

Numeric keypad

Yes

Pointing device

Touchpad

Keyboard backlit

Yes

Keyboard backlit colour

RGB

Keyboard backlit zone

1-zone RGB

Software

Operating system installed

No

Battery

Battery capacity

90 Wh

Battery technology

Lithium-Ion (Li-Ion)

Number of battery cells

4

Power

AC adapter power

240 W

AC adapter frequency

50 - 60 Hz

AC adapter input voltage

100 - 240 V

AC adapter output current

12 A

AC adapter output voltage

20 V

Security

Cable lock slot

Yes

Cable lock slot type

Kensington

Trusted Platform Module (TPM)

Yes

Password protection

Yes

Password protection type

BIOS,User

Sustainability

Sustainability compliance

Yes

Sustainability certificates

ENERGY STAR,EPEAT Bronze

Weight & dimensions

Weight

2,2 kg

Width

354 mm

Depth

251 mm

Height (front)

2,24 cm

Height (rear)

2,49 cm

		9%			11%
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Laptop comparison

We compile and classify prices and specs of thousands of laptops to help you find the one that best suits your needs.

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