ASUS

ASUS TUF Gaming F15 FX507VI-LP075W-BE Intel® Core™ i7 i7-13620H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey

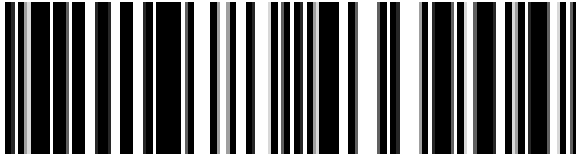**Brand :** ASUS   **Product family:** TUF Gaming   **Product code:** 90NR0FH7-M00660

Product name : FX507VI-LP075W-BE

- 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 4070 (8GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM & 1000GB SSD

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming F15 FX507VI-LP075W-BE. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Home. Product colour: Black, Grey
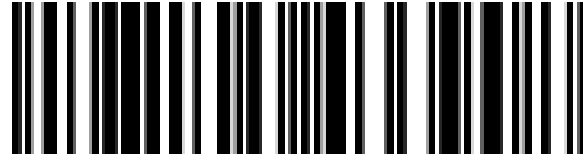
Design

Colour name	Mecha Gray
Product type *	Laptop
Product colour *	Black, Grey
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2023

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✔
Display brightness	250 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	144 Hz
Contrast ratio (typical)	1000:1

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-13620H
Processor cores	10
Processor boost frequency	4.9 GHz
Performance cores	6
Efficient cores	4
Performance-core Max Turbo Frequency	4.9 GHz
Efficient-core Max Turbo Frequency	3.6 GHz
Processor cache	24 MB
Processor cache type	Smart Cache

Camera

Front camera	✔
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.1

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	Touchpad
Keyboard layout	AZERTY
Keyboard language	Belgian
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB

Processor

Processor base power	45 W
Maximum turbo power	115 W

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 4070
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card model *	Intel Iris Xe Graphics
NVIDIA G-SYNC	✔

Audio

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

Software

Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Operating system installed *	Windows 11 Home
Bundled software	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh

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	✔
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, User

Sustainability

Sustainability certificates	EPEAT Bronze, ENERGY STAR

Weight & dimensions

Width	354 mm
Depth	251 mm
Height (front)	2.24 cm
Height (rear)	2.49 cm
Weight *	2.2 kg

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