ASUS

ASUS TUF Gaming A15 FA507NU-LP101W Laptop 39.6 cm (15.6") Full HD AMD Ryzen™ 5 7535HS 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0EB5-M009H0

Product name : FA507NU-LP101W

AMD Ryzen 5 7535HS (16MB Cache, 3.3GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, AMD Radeon 660M, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A15 FA507NU-LP101W Laptop 39.6 cm (15.6") Full HD AMD Ryzen™ 5 7535HS 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Grey:

Mechanized endurance. Battlefield brilliance.
Featuring an AMD Ryzen™ 5 7535HS/H Mobile Processor, an NVIDIA® GeForce RTX™ 4050 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 144Hz 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

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

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
LED backlight	✔
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

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor model *	7535HS
Processor frequency *	3.3 GHz
Processor boost frequency	4.55 GHz
Processor cores	6
Processor cache	16 MB
Processor cache type	L3

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz
Memory form factor	SO-DIMM

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	✔
Bluetooth	✔
Bluetooth version	5.3

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
USB4 Gen 2x2 ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
Power adapter barrel connector	6.0 mm
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB

Software

Operating system architecture	64-bit

Memory

Maximum internal memory *	32 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4050
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon 660M
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR6
NVIDIA G-SYNC	✔

Audio

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

Software

Operating system installed *	Windows 11 Home

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

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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