



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

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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		Camera	
Colour name	Mecha Gray	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Grey	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display		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	5.3
LED backlight	✓	Ports & interfaces	
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
Display brightness	250 cd/m ²	USB4 Gen 2x2 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
Processor		Combo headphone/mic port	✓
Processor manufacturer *	AMD	Power adapter barrel connector	6.0 mm
Processor family *	AMD Ryzen™ 5	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	7535HS	USB Power Delivery	✓
Processor frequency *	3.3 GHz	Keyboard	
Processor boost frequency	4.55 GHz	Pointing device	Touchpad
Processor cores	6	Numeric keypad *	✓
Processor cache	16 MB	Keyboard backlight	✓
Processor cache type	L3	Keyboard backlight colour	RGB
Memory		Keyboard backlight zone	1-zone RGB
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		

Memory		Software	
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Storage		Battery	
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	Power	
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
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Cable lock slot type	Kensington
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Password protection	✓
On-board graphics card model *	AMD Radeon 660M	Password protection type	BIOS, User
Discrete graphics card memory	6 GB	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	354 mm
NVIDIA G-SYNC	✓	Depth	251 mm
Audio		Height (front)	2.24 cm
Audio system	Dolby Atmos	Height (rear)	2.49 cm
Number of built-in speakers	2	Weight *	2.2 kg
Built-in microphone	✓		



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