

**ASUS TUF Gaming A15 FA507NUR-LP012W AMD Ryzen™ 7 7435HS Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey**

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0JP5-M006X0

**Product name :** FA507NUR-LP012W



- Windows 11 Home 64-bit  
 - AMD Ryzen 7 7435HS (20MB Cache, 3.1GHz)  
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4050 (6GB GDDR6)  
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD  
 AMD Ryzen 7 7435HS (20MB Cache, 3.1GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS TUF Gaming A15 FA507NUR-LP012W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 7435HS, Processor frequency: 3.1 GHz. 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: 512 GB, Storage media: SSD. Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product colour: Black, Grey

Design		Network	
Colour name	Mecha Gray	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black, Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	Ethernet LAN	✓
Introduction year	2024	Ethernet LAN data rates	10,100,1000 Mbit/s
Display		Bluetooth	✓
Display diagonal *	39.6 cm (15.6")	Bluetooth version	5.3
Display resolution *	1920 x 1080 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Panel type	IPS	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.1
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	250 cd/m²	Power adapter barrel connector	6.0 mm
RGB colour space	sRGB	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	100%	USB Power Delivery	✓
Maximum refresh rate	144 Hz	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	AMD	Numeric keypad *	✓
Processor family *	AMD Ryzen™ 7	Keyboard backlight	✓
Processor model *	7435HS	Keyboard backlight colour	RGB
Processor cores	6	Keyboard backlight zone	1-zone RGB
Processor boost frequency	4.5 GHz	Software	
Processor frequency *	3.1 GHz	Operating system architecture	64-bit
Processor cache	20 MB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor cache type	L2 & L3	Operating system installed *	Windows 11 Home
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

Memory		Battery	
Memory form factor	SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 8 GB	Number of battery cells	4
Memory slots	2x SO-DIMM	Battery capacity *	90 Wh
Maximum internal memory *	32 GB	Power	
Storage		AC adapter power	240 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	AC adapter output current	12 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
Graphics		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	Sustainability	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Sustainability compliance	✓
Discrete graphics card memory	6 GB	Sustainability certificates	ENERGY STAR
Discrete graphics memory type	GDDR6	Weight & dimensions	
On-board graphics card *	✗	Width	354 mm
On-board GPU manufacturer	AMD	Depth	251 mm
Discrete graphics card *	✓	Height (front)	2.24 cm
On-board graphics card model *	Not available	Height (rear)	2.49 cm
NVIDIA G-SYNC	✓	Weight *	2.2 kg
Audio		Packaging data	
Audio system	Dolby Atmos	Package width	426 mm
Number of built-in speakers	2	Package depth	103 mm
Built-in microphone	✓	Package height	312 mm
Camera		Package weight	4.3 kg
Front camera	✓		
Front camera HD type	HD		



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