

ASUS TUF Gaming A15 FA507NUR-LP038W 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 Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0JP8-M005C0

Product name : FA507NUR-LP038W



AMD Ryzen 7 7435HS (16MB Cache, 3.1GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, 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™ 7 7435HS processor, 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 up to FHD 144 Hz 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.

Unlimited access for 30 days to over 100 high-quality PC games



Design		Camera	
Colour name	Jaeger Gray	Front camera HD type	HD
Product type *	Laptop	Network	
Product colour *	Grey	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Housing material	Aluminium	Mobile network connection *	✗
Market positioning	Gaming	Antenna type	2x2
Introduction year	2023	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	39.6 cm (15.6")	Bluetooth	✓
Display resolution *	1920 x 1080 pixels	Bluetooth version	5.3
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:9	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	250 cd/m²	HDMI ports quantity *	1
RGB colour space	sRGB	HDMI version	2.1
Colour gamut	100%	Combo headphone/mic port	✓
Maximum refresh rate	144 Hz	Power adapter barrel connector	6.0 mm
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	Touchpad
Processor model *	7435HS	Numeric keypad *	✓
Processor cores	8	Keyboard backlit	✓
Processor boost frequency	4.5 GHz	Keyboard backlit colour	RGB
Processor frequency *	3.1 GHz		
Processor cache	16 MB		
Processor cache type	L3		

Memory		Keyboard	
Internal memory *	16 GB	Keyboard backlit zone	1-zone RGB
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	4800 MHz	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers
Memory layout (slots x size)	2 x 8 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Bundled software	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Maximum internal memory *	32 GB		
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		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	6 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, User
On-board graphics card *	✗	Sustainability	
Discrete graphics card *	✓	Sustainability certificates	ENERGY STAR
On-board graphics card model *	Not available	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	354 mm
Audio		Depth	251 mm
Audio system	Dolby Atmos	Height (front)	2.24 cm
Number of built-in speakers	2	Height (rear)	2.49 cm
Speaker power	2 W	Weight *	2.2 kg
Built-in microphone	✓	Packaging content	
Camera		AC adapter included *	✓
Front camera	✓		
Front camera resolution	1280 x 720 pixels		



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Publication date: 28-APR-2025. Prints or copies of Information are only valid on the printed Publication date