

ASUS TUF Gaming A15 FA507UV-LP010W AMD Ryzen™ 9 8945H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0I28-M000D0

Product name : FA507UV-LP010W

- Windows 11 Home 64-bit
 - AMD Ryzen 9 8945H (24MB Cache, 4GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD
 AMD Ryzen 9 8945H (24MB Cache, 4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS TUF Gaming A15 FA507UV-LP010W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 8945H, Processor frequency: 4 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: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Camera	
Colour name	Jaeger Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Grey	Front camera HD type	HD
Form factor *	Clamshell	Network	
Housing material	Aluminium	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Introduction year	2024	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.3
Panel type	IPS	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/m²	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™ 9	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen 8000 Series	Keyboard	
Processor model *	8945H	Pointing device	Touchpad
Processor cores	8		
Processor boost frequency	5.2 GHz		
Processor frequency *	4 GHz		
Processor cache	24 MB		

Processor		Keyboard	
Processor cache type	L2 & L3	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit colour	RGB
Total processor performance up to	39 TOPs	Keyboard backlit zone	1-zone RGB
NPU performance up to	16 TOPs	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Battery	
Memory clock speed	5600 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Number of battery cells	4
Memory slots	2x SO-DIMM	Battery capacity *	90 Wh
Maximum internal memory *	32 GB	Fast charging	✓
Storage		Fast charging time (50%)	30 min
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	240 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	AC adapter output current	12 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	Security	
Optical drive type *	✗	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR6	Sustainability	
On-board graphics card *	✓	Sustainability compliance	✓
Discrete graphics card *	✓	Sustainability certificates	EPEAT Bronze, ENERGY STAR
On-board graphics card model *	AMD Radeon 780M	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
Built-in microphone	✓	Weight *	2.2 kg



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