



ASUS TUF Gaming A15 FA507UI-HQ008W Laptop 39.6 cm (15.6") Quad HD AMD Ryzen™ 9 8945H 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0I65-M000B0

Product name : FA507UI-HQ008W



- Windows 11 Home 64-bit
- AMD Ryzen 9 8945H (16MB Cache, 4GHz)
- 39.6 cm (15.6") Quad HD 2560 x 1440 IPS, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- AMD Ryzen 9 8945H (16MB Cache, 4GHz), 32GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Quad HD 2560 x 1440 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A15 FA507UI-HQ008W Laptop 39.6 cm (15.6") Quad HD AMD Ryzen™ 9 8945H 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Grey:

Mechanised endurance. Battlefield brilliance.

Featuring an AMD Ryzen™ R9-8945H Processor, an NVIDIA® GeForce RTX™ 4070 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 WQHD 165Hz 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 *	2560 x 1440 pixels	Ethernet LAN	✓
Touchscreen *	✗	Bluetooth	✓
HD type	Quad 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
RGB colour space	DCI-P3	USB4 Gen 2x2 ports quantity	1
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	165 Hz	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	Power adapter barrel connector	6.0 mm
Processor model *	8945H	USB Type-C DisplayPort Alternate Mode	✓
Processor frequency *	4 GHz	USB Power Delivery	✓
Processor boost frequency	5.2 GHz	Keyboard	
Processor cores	8	Pointing device	Touchpad
Processor cache	16 MB	Numeric keypad *	✓
Processor cache type	L3	Keyboard backlit	✓
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		

Memory		Keyboard	
Memory clock speed	5600 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	1-zone RGB
Memory layout (slots x size)	2 x 16 GB	Software	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Trial software	McAfee® 30 days free trial
Memory channels	Dual-channel	Operating system installed *	Windows 11 Home
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Power	
SSD capacity	1 TB	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 4070	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 780M	Password protection type	BIOS, User
Discrete graphics card memory	8 GB	Sustainability	
Discrete graphics memory type	GDDR6	Sustainability certificates	ENERGY STAR
NVIDIA G-SYNC	✓	Weight & dimensions	
Audio		Width	354 mm
Audio system	Dolby Atmos	Depth	251 mm
Number of built-in speakers	2	Height (front)	2.24 cm
Built-in microphone	✓	Height (rear)	2.49 cm
		Weight *	2.2 kg



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