



ASUS TUF Gaming A15 FA507RM-HN082W AMD Ryzen™ 7 6800H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR09C1-M009W0

Product name : FA507RM-HN082W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 6800H (16MB Cache, 3.2GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3060 (6GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
 AMD Ryzen 7 6800H (16MB Cache, 3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, AMD Radeon 680M, NVIDIA GeForce RTX 3060 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS TUF Gaming A15 FA507RM-HN082W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 6800H, Processor frequency: 3.2 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. On-board graphics card model: AMD Radeon 680M. Operating system installed: Windows 11 Home. Product colour: 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 *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	Ethernet LAN	✓
Country of origin	China	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 1 (3.1 Gen 1) Type-C ports quantity *	2
Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	250 cd/m ²	HDMI version	2.0b
RGB colour space	sRGB	Combo headphone/mic port	✓
Colour gamut	62.5%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	144 Hz	Performance	
Contrast ratio (typical)	1000:1	Repairability index	7.3
Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad
Processor family *	AMD Ryzen™ 7	Numeric keypad *	✓
Processor model *	6800H	Keyboard backlit	✓
Processor cores	8	Keyboard backlit colour	RGB
Processor boost frequency	4.7 GHz	Keyboard backlit zone	1-zone RGB
Processor frequency *	3.2 GHz		
Processor cache	16 MB		
Memory			
Internal memory *	16 GB		

Memory		Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	4800 MHz	Trial software	McAfee LiveSafe™ 30-day trial
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 8 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	32 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	90 Wh
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	240 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	AC adapter output current	12 A
SSD capacity	512 GB	AC adapter output voltage	20 V
SSD interface	PCI Express 3.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Password protection	✓
Discrete GPU manufacturer	NVIDIA	Password protection type	BIOS, User
Discrete graphics card model *	NVIDIA GeForce RTX 3060	Weight & dimensions	
Discrete graphics card memory	6 GB	Width	354 mm
Discrete graphics memory type	GDDR6	Depth	251 mm
On-board graphics card *	✓	Height (front)	2.24 cm
On-board GPU manufacturer	AMD	Height (rear)	2.49 cm
Discrete graphics card *	✓	Weight *	2.2 kg
On-board graphics card model *	AMD Radeon 680M	Packaging data	
NVIDIA G-SYNC	✓	Package width	103 mm
Audio		Package depth	426 mm
Audio system	Dolby Atmos	Package height	312 mm
Number of built-in speakers	2	Package weight	4.2 kg
Built-in microphone	✓	Logistics data	
Camera		Commodity Classification	
Front camera	✓	Automated Tracking System (CCATS)	8471300000
Front camera HD type	HD		



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