

ASUS TUF Gaming A15 FA507RR-HN002W AMD Ryzen™ 7 6800H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3070 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0B31-M002P0

Product name : FA507RR-HN002W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 6800H (20MB Cache, 3.2GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3070 (8GB GDDR6)
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
 AMD Ryzen 7 6800H (20MB Cache, 3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon Graphics, NVIDIA GeForce RTX 3070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS TUF Gaming A15 FA507RR-HN002W. 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: Black, Grey



Design		Audio	
Colour name	Mecha Gray	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black, Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera HD type	HD
Display		Network	
Display diagonal *	39.6 cm (15.6")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Antenna type	2x2
Panel type	IPS	Ethernet LAN	✓
Native aspect ratio	16:9	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Maximum refresh rate	144 Hz	Bluetooth version	5.2
Processor		Ports & interfaces	
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	AMD Ryzen™ 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Processor model *	6800H	Ethernet LAN (RJ-45) ports	1
Processor cores	8	HDMI ports quantity *	1
Processor boost frequency	4.7 GHz	HDMI version	2.0b
Processor frequency *	3.2 GHz	Combo headphone/mic port	✓
Processor cache	20 MB	Charging port type	DC-in jack
Processor cache type	L2 & L3	USB Type-C DisplayPort Alternate Mode	✓
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		

Memory		Keyboard	
Memory layout (slots x size)	2 x 8 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	32 GB	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	512 GB	Battery capacity *	90 Wh
SSD interface	NVMe, PCI Express 3.0	Power	
NVMe	✓	AC adapter power	240 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	AC adapter output current	12 A
Graphics		AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 3070	Security	
Discrete graphics card memory	8 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Cable lock slot type	Kensington
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	BIOS, User
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card model *	AMD Radeon 680M	Width	354 mm
Audio		Depth	251 mm
Audio system	Dolby Atmos	Height (front)	2.24 cm
		Height (rear)	2.49 cm
		Weight *	2.2 kg

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