



# ASUS TUF Gaming A15 FA507NV-LP023W AMD Ryzen™ 7 7735HS Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey



**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0E85-M001W0

**Product name :** FA507NV-LP023W

- Windows 11 Home 64-bit  
 - AMD Ryzen 7 7735HS (16MB Cache, 3.2GHz)  
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
 - 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD  
 AMD Ryzen 7 7735HS (16MB Cache, 3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 680M, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS TUF Gaming A15 FA507NV-LP023W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 7735HS, 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		Camera	
Colour name	Mecha 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)
Market positioning	Gaming	Mobile network connection *	✗
Country of origin	China	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	39.6 cm (15.6")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.3
HD type	Full HD	Ports & interfaces	
Panel type	IPS	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	1
Anti-glare screen	✓	USB4 Gen 2x2 ports quantity	1
Display brightness	250 cd/m <sup>2</sup>	Ethernet LAN (RJ-45) ports	1
RGB colour space	sRGB	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Maximum refresh rate	144 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		USB Power Delivery	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	Touchpad
Processor model *	7735HS	Numeric keypad *	✓
Processor cores	8	Keyboard backlit	✓
Processor boost frequency	4.7 GHz	Keyboard backlit colour	RGB
Processor frequency *	3.2 GHz	Keyboard backlit zone	1-zone RGB
Processor cache	16 MB	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		

<b>Memory</b>		<b>Battery</b>	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	32 GB	Number of battery cells	4
<b>Storage</b>		Battery capacity *	90 Wh
Total storage capacity *	512 GB	<b>Power</b>	
Storage media *	SSD	AC adapter power	240 W
Total SSDs capacity	512 GB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	512 GB	AC adapter output current	12 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	<b>Security</b>	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Password protection type	BIOS, User
Discrete graphics card memory	8 GB	<b>Weight &amp; dimensions</b>	
Discrete graphics memory type	GDDR6	Width	354 mm
On-board graphics card *	✓	Depth	251 mm
On-board GPU manufacturer	AMD	Height (front)	2.24 cm
Discrete graphics card *	✓	Height (rear)	2.49 cm
On-board graphics card model *	AMD Radeon 680M	Weight *	2.2 kg
NVIDIA G-SYNC	✓	<b>Packaging data</b>	
<b>Audio</b>		Package width	103 mm
Audio system	Dolby Atmos	Package depth	426 mm
Number of built-in speakers	2	Package height	312 mm
Built-in microphone	✓	Package weight	4.2 kg
<b>Camera</b>		<b>Logistics data</b>	
Front camera	✓	Commodity Classification	
Front camera resolution	1280 x 720 pixels	Automated Tracking System (CCATS)	8471300000



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