

## ASUS TUF Gaming A15 FA506NF-HN003W AMD Ryzen™ 5 7535HS Laptop 39.6 cm (15.6") Full HD 8 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 2050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0JE7-M00090

**Product name :** FA506NF-HN003W



- Windows 11 Home 64-bit  
 - AMD Ryzen 5 7535HS (19MB Cache, 3.3GHz)  
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 2050 (4GB GDDR6)  
 - 8GB (5600MHz) DDR5-SDRAM (1 x 8) & 512GB SSD  
 AMD Ryzen 5 7535HS (19MB Cache, 3.3GHz), 8GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 660M, NVIDIA GeForce RTX 2050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS TUF Gaming A15 FA506NF-HN003W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 7535HS, Processor frequency: 3.3 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 660M. Operating system installed: Windows 11 Home. Product colour: Black

Design		Network	
Colour name	Graphite Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	Ethernet LAN	✓
Introduction year	2024	Ethernet LAN data rates	10,100,1000 Mbit/s
Country of origin	China	Bluetooth	✓
<b>Display</b>		Bluetooth version	5.3
Display diagonal *	39.6 cm (15.6")	<b>Ports &amp; interfaces</b>	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	Ethernet LAN (RJ-45) ports	1
Panel type	IPS	HDMI ports quantity *	1
Native aspect ratio	16:9	HDMI version	2.0b
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	250 cd/m <sup>2</sup>	Power adapter barrel connector	6.0 mm
RGB colour space	sRGB	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	62.5%	<b>Performance</b>	
Maximum refresh rate	144 Hz	Repairability index	8.6
Contrast ratio (typical)	1000:1	<b>Keyboard</b>	
<b>Processor</b>		Pointing device	Touchpad
Processor manufacturer *	AMD	Numeric keypad *	✓
Processor family *	AMD Ryzen™ 5	Keyboard backlit	✓
Processor model *	7535HS	Keyboard backlit colour	RGB
Processor cores	6	Keyboard backlit zone	1-zone RGB
Processor boost frequency	4.55 GHz	<b>Software</b>	
Processor frequency *	3.3 GHz	Operating system architecture	64-bit
Processor cache	19 MB		
Processor cache type	L2 & L3		

<b>Memory</b>		<b>Software</b>	
Internal memory *	8 GB	Trial software	McAfee 30 days, Xbox Game Pass Ultimate 3 months
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	5600 MHz	<b>Battery</b>	
Memory form factor	SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	1 x 8 GB	Number of battery cells	3
Memory slots	2x SO-DIMM	Battery capacity *	48 Wh
Maximum internal memory *	32 GB	<b>Power</b>	
<b>Storage</b>		AC adapter power	150 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	AC adapter output current	7.5 A
Number of SSDs installed	1	AC adapter output voltage	20 V
SSD capacity	512 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Password protection	✓
<b>Graphics</b>		Password protection type	BIOS, User
Discrete GPU manufacturer	NVIDIA	<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 2050	Width	359 mm
Discrete graphics card memory	4 GB	Depth	256 mm
Discrete graphics memory type	GDDR6	Height (front)	2.28 cm
On-board graphics card *	✓	Height (rear)	2.45 cm
On-board GPU manufacturer	AMD	Weight *	2.3 kg
Discrete graphics card *	✓	<b>Packaging data</b>	
On-board graphics card model *	AMD Radeon 660M	Package width	103 mm
<b>Audio</b>		Package depth	426 mm
Number of built-in speakers	2	Package height	312 mm
Built-in microphone	✓	Package weight	3.29 kg
<b>Camera</b>		<b>Logistics data</b>	
Front camera	✓	Commodity Classification Automated Tracking System (CCATS)	8471300000
Front camera resolution	1280 x 720 pixels		
Front camera HD type	HD		



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