



ASUS TUF Gaming A15 FA506NC-HN003W Laptop 39.6 cm (15.6") Full HD AMD Ryzen™ 5 7535H 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0JF7-M004M0

Product name : FA506NC-HN003W



- Windows 11 Home 64-bit
 - AMD Ryzen 5 7535H (19MB Cache, 3.3GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
 AMD Ryzen 5 7535H (16MB Cache, 3.3GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 660M, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS TUF Gaming A15 FA506NC-HN003W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 7535H, Processor frequency: 3.3 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 660M. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name	Graphite Black	Front camera HD type	HD
Product type *	Laptop	Network	
Product colour *	Black	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 *	✗
Introduction year	2024	Antenna type	2x2
Country of origin	China	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	39.6 cm (15.6")	Bluetooth	✓
Display resolution *	1920 x 1080 pixels	Bluetooth version	5.3
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
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%	Power adapter barrel connector	6.0 mm
Maximum refresh rate	144 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1000:1	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	AMD	Numeric keypad *	✓
Processor family *	AMD Ryzen™ 5	Keyboard backlit	✓
Processor model *	7535H	Keyboard backlit colour	RGB
Processor frequency *	3.3 GHz	Keyboard backlit zone	1-zone RGB
Processor boost frequency	4.55 GHz		
Processor cores	6		
Processor cache	16 MB		

Processor		Software	
Processor cache type	L2 & L3	Operating system architecture	64-bit
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	5600 MHz	Number of battery cells	3
Memory form factor	SO-DIMM	Battery capacity *	48 Wh
Memory layout (slots x size)	2 x 8 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	180 W
Maximum internal memory *	32 GB	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	AC adapter output current	9 A
Storage media *	SSD	AC adapter output voltage	20 V
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS, User
Optical drive type *	✗	Weight & dimensions	
Graphics		Width	359 mm
Discrete GPU manufacturer	NVIDIA	Depth	256 mm
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Height (front)	2.28 cm
On-board graphics card *	✓	Height (rear)	2.45 cm
Discrete graphics card *	✓	Weight *	2.3 kg
On-board graphics card model *	AMD Radeon 660M	Packaging data	
Discrete graphics card memory	4 GB	Package width	103 mm
Discrete graphics memory type	GDDR6	Package depth	426 mm
Audio		Package height	312 mm
Number of built-in speakers	2	Package weight	3.29 kg
Built-in microphone	✓	Logistics data	
Camera		Commodity Classification	
Front camera	✓	Automated Tracking System (CCATS)	8471300000
Front camera resolution	1280 x 720 pixels		



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