

## ASUS TUF Gaming A15 FA506NCR-HN010W AMD Ryzen™ 7 7435HS Laptop 39.6 cm (15.6") Full HD 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:** 90NROJF7-M000K0

**Product name :** FA506NCR-HN010W



- Windows 11 Home 64-bit
  - AMD Ryzen 7 7435HS (16MB Cache, 3.1GHz)
  - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 (4GB GDDR6)
  - 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 512GB SSD
- AMD Ryzen 7 7435HS (16MB Cache, 3.1GHz), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A15 FA506NCR-HN010W AMD Ryzen™ 7 7435HS Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black:

### Mechanized endurance. Battlefield brilliance.

Jump right into the action with the TUF Gaming A15. Running Windows 11 out of the box with AMD Ryzen™ 7 7435HS processor and up to 16GB of blisteringly fast 5600MHz DDR5 RAM, your streaming and multitasking are handled with ease. Leverage the full gaming performance of up to an NVIDIA® GeForce RTX™ 3050 Laptop GPU with a dedicated MUX Switch. When your game library gets full, an empty M.2 NVMe SSD slot makes upgrading storage capacity a breeze.



Design		Camera	
Colour name	Graphite Black	Front camera resolution	1280 x 720 pixels
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Mobile network connection *	✗
Introduction year	2024	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	
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	250 cd/m <sup>2</sup>	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	144 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	Power adapter barrel connector	6.0 mm
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	Touchpad
Processor generation	AMD Ryzen 7000 Series	Keyboard layout	QWERTY
Processor model *	7435HS	Keyboard language	Dutch
Processor cores	8	Numeric keypad *	✓
Processor boost frequency	4.5 GHz	Keyboard backlit	✓
Processor frequency *	3.1 GHz	Keyboard backlit colour	RGB
Processor cache	16 MB	Keyboard backlit zone	1-zone RGB
Processor cache type	L3		

Memory		Software	
Internal memory *	16 GB	Operating system architecture	64-bit
Internal memory type	DDR5-SDRAM	Trial software	1-month trial for new Microsoft 365 customers
Memory clock speed	5600 MHz	Operating system installed *	Windows 11 Home
Memory form factor	SO-DIMM	<b>Battery</b>	
Memory layout (slots x size)	1 x 16 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	3
Maximum internal memory *	32 GB	Battery capacity *	48 Wh
<b>Storage</b>		Fast charging	✓
Total storage capacity *	512 GB	Fast charging time (50%)	30 min
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	512 GB	AC adapter power	180 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	512 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	9 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	<b>Security</b>	
Optical drive type *	✗	Cable lock slot	✓
<b>Graphics</b>		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Password protection	✓
Discrete graphics card memory	4 GB	Password protection type	BIOS, User
Discrete graphics memory type	GDDR6	<b>Weight &amp; dimensions</b>	
On-board graphics card *	✗	Width	359 mm
Discrete graphics card *	✓	Depth	256 mm
On-board graphics card model *	Not available	Height (front)	2.28 cm
<b>Audio</b>		Height (rear)	2.45 cm
Number of built-in speakers	2	Weight *	2.3 kg
Built-in microphone	✓		
<b>Camera</b>			
Front camera	✓		



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Publication date: 12-NOV-2024. Prints or copies of Information are only valid on the printed Publication date