ASUS

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

Colour name	Graphite Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming
Introduction year	2024
Country of origin	China

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✖
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✓
Display brightness	250 cd/m²
RGB colour space	sRGB
Colour gamut	62.5%
Maximum refresh rate	144 Hz
Contrast ratio (typical)	1000:1

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor model *	7535H
Processor frequency *	3.3 GHz
Processor boost frequency	4.55 GHz
Processor cores	6
Processor cache	16 MB

Camera

Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✖
Antenna type	2x2
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.0b
Combo headphone/mic port	✓
Power adapter barrel connector	6.0 mm
USB Type-C DisplayPort Alternate Mode	✓

Keyboard

Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB

Processor

Processor cache type	L2 & L3

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3050
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	AMD Radeon 660M
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6

Audio

Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	48 Wh

Power

AC adapter power	180 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	9 A
AC adapter output voltage	20 V

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, User

Weight & dimensions

Width	359 mm
Depth	256 mm
Height (front)	2.28 cm
Height (rear)	2.45 cm
Weight *	2.3 kg

Packaging data

Package width	103 mm
Package depth	426 mm
Package height	312 mm
Package weight	3.29 kg

Logistics data

Commodity Classification Automated Tracking System (CCATS)	8471300000

4711387453001

0197105453005

197105453005