

ASUS TUF Gaming A15 FA506NCR-HN016W 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: 90NR0JV7-M00280

Product name : FA506NCR-HN016W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 7435HS (20MB Cache, 3.1GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 3050 (4GB GDDR6)
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
 AMD Ryzen 7 7435HS (20MB 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



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OUTLAST THE COMPETITION

Geared for serious gaming and rocking a slick new style, TUF Gaming A15 is a feature-packed Windows 11 gaming laptop with the power to carry you to victory. The new GeForce RTX™ 3070 GPU delivers fluid gameplay on up to a 240Hz display with 100% sRGB, while the potent AMD Ryzen™ 7 CPU is bolstered by improved cooling that amps CPU performance and keeps acoustics stealthy. A long-lasting 90Wh battery coupled with TUF's military-grade durability keeps you on your best game anywhere.



Design		Network	
Colour name	Graphite Black	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Market positioning	Gaming	Bluetooth	✓
Country of origin	China	Bluetooth version	5.3
Display		Ports & interfaces	
Display diagonal *	39.6 cm (15.6")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	Full HD	HDMI ports quantity *	1
LED backlight	✓	HDMI version	2.1
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	250 cd/m²	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✓
Maximum refresh rate	144 Hz	Keyboard backlit	✓
Contrast ratio (typical)	1000:1	Keyboard backlit colour	RGB
Processor		Keyboard backlit zone	1-zone RGB
Processor manufacturer *	AMD	Software	
Processor family *	AMD Ryzen™ 7	Operating system architecture	64-bit
Processor model *	7435HS	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor cores	8	Operating system installed *	Windows 11 Home
Processor threads	16		
Processor boost frequency	4.5 GHz		
Processor frequency *	3.1 GHz		
Processor cache	20 MB		

Processor		Software	
Processor cache type	L2 & L3	Bundled software	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz	Battery	
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage		Number of battery cells	3
Total storage capacity *	512 GB	Battery capacity *	48 Wh
Storage media *	SSD	Fast charging	✔
Total SSDs capacity	512 GB	Fast charging time (50%)	30 min
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	180 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✔	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	9 A
Optical drive type *	✖	AC adapter output voltage	20 V
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✔
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Cable lock slot type	Kensington
Discrete graphics card memory	4 GB	Trusted Platform Module (TPM)	✔
Discrete graphics memory type	GDDR6	Password protection	✔
On-board graphics card *	✖	Password protection type	BIOS, User
Discrete graphics card *	✔	Weight & dimensions	
On-board graphics card model *	Not available	Width	359 mm
Audio		Depth	256 mm
Number of built-in speakers	2	Height (front)	2.28 cm
Built-in microphone	✔	Height (rear)	2.45 cm
Camera		Weight *	2.3 kg
Front camera	✔	Packaging data	
Front camera HD type	HD	Package width	103 mm
Network		Package depth	426 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package height	312 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package weight	3.29 kg
Logistics data			
		Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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