

ASUS TUF Gaming F15 TUF507VI-LP086 Intel® Core™ i7 i7-13620H Laptop 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Black, Grey

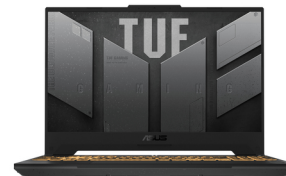
Brand : ASUS

Product family: TUF Gaming

Article code: 90NR0FH8-M006K0

Product name : TUF507VI-LP086

ASUS TUF Gaming F15 TUF507VI-LP086. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Product color: Black, Grey. Weight: 2,2 kg



Design		Audio	
Colour name	Jaeger Gray	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black, Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Display		Front camera HD type	HD
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	Full HD	Mobile network connection *	✗
Native aspect ratio	16:9	Antenna type	2x2
Anti-glare screen	✓	Ethernet LAN	✓
RGB colour space	sRGB	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	100%	Bluetooth	✓
Maximum refresh rate	144 Hz	Bluetooth version	5.2
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor generation	13th gen Intel® Core™ i7	Ethernet LAN (RJ-45) ports	1
Processor model *	i7-13620H	HDMI ports quantity *	1
Processor cores	10	HDMI version	2.1
Processor boost frequency	4.9 GHz	Thunderbolt 4 ports quantity	1
Performance cores	6	Intel® Thunderbolt 4	✓
Efficient cores	4	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.9 GHz	Power adapter barrel connector	6.0 mm
Efficient-core Max Turbo Frequency	3.6 GHz		
Processor cache	24 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	45 W		
Maximum turbo power	115 W		
Memory		Performance	
Internal memory *	16 GB	Repairability index	8.3
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB		
Memory channels	Dual-channel		
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	✗
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Number of battery cells	4
Discrete graphics card memory	8 GB	Battery capacity *	90 Wh
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® UHD Graphics		
On-board graphics card model *	Intel® UHD Graphics		
NVIDIA G-SYNC	✓		
		Power	
		AC adapter power	240 W
		AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
		AC adapter output current	12 A
		AC adapter output voltage	20 V
		USB Power Delivery (USB PD) *	✓
		Security	
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Trusted Platform Module (TPM)	✓
		Password protection	✓
		Password protection type	BIOS, User
		Weight & dimensions	
		Width	354 mm
		Depth	251 mm
		Height (front)	2.24 cm
		Height (rear)	2.49 cm
		Weight *	2.2 kg



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