

ASUS TUF Gaming F15 FX507ZI4-LP035W-BE Intel® Core™ i7 i7-12700H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0FV8-M00380

Product name : FX507ZI4-LP035W-BE

Intel Core i7-12700H (24MB Cache), 16GB DDR4-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Iris Xe Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming F15 FX507ZI4-LP035W-BE Intel® Core™ i7 i7-12700H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey:

Mechanized endurance. Battlefield brilliance.

Featuring an Intel® Core™ i7-12700H CPU, an NVIDIA® GeForce RTX™ 4070 Laptop GPU, and a dedicated MUX Switch with NVIDIA® Advanced Optimus, prepare to crank the graphics settings in all the latest games. All that horsepower drives a gorgeous FHD 144 Hz panel with G-SYNC support, ensuring buttery smooth motion on screen. Keep your cool in the heat of extended gaming sessions with dual 84-blade Arc Flow Fans™ and a network of five heat pipes that efficiently wick heat out of the chassis.

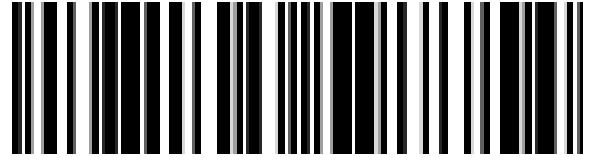


Design		Camera	
Colour name	Jaeger Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Black, Grey	Front camera HD type	HD
Form factor *	Clamshell	Network	
Housing material	Plastic	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Introduction year	2023	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	39.6 cm (15.6")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.2
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	250 cd/m ²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
RGB colour space	sRGB	Ethernet LAN (RJ-45) ports	1
Colour gamut	100%	HDMI ports quantity *	1
Maximum refresh rate	144 Hz	HDMI version	2.1
Contrast ratio (typical)	1000:1	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	Power adapter barrel connector	6.0 mm
Processor generation	12th gen Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	i7-12700H	USB Power Delivery	✓
Processor cores	14	Keyboard	
Processor threads	20	Pointing device	Touchpad
Processor boost frequency	4.7 GHz	Keyboard layout	AZERTY
Performance cores	6	Keyboard language	Belgian
Efficient cores	8	Numeric keypad *	✓
Performance-core Max Turbo Frequency	4.7 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.5 GHz		
Processor cache	24 MB		

Processor		Keyboard	
Processor cache type	Smart Cache	Keyboard backlit colour	RGB
Processor base power	45 W	Keyboard backlit zone	1-zone RGB
Maximum turbo power	115 W	Software	
Memory		Operating system architecture	64-bit
Internal memory *	16 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required. McAfee® 30 days free trial
Internal memory type	DDR4-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	3200 MHz	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 form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 8 GB	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	90 Wh
Memory channels	Dual-channel	Fast charging	✓
Storage		Fast charging time (50%)	30 min
Total storage capacity *	1 TB	Power	
Storage media *	SSD	AC adapter power	240 W
Total SSDs capacity	1 TB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	AC adapter output current	12 A
SSD interface	PCI Express 4.0	AC adapter output voltage	20 V
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Password protection type	BIOS, User
Discrete graphics card memory	8 GB	Sustainability	
Discrete graphics memory type	GDDR6	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Bronze
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	354 mm
On-board graphics card model *	Intel Iris Xe Graphics	Depth	251 mm
NVIDIA G-SYNC	✓	Height (front)	2.24 cm
Audio		Height (rear)	2.49 cm
Audio system	Dolby Atmos	Weight *	2.2 kg
Number of built-in speakers	2		
Built-in microphone	✓		



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