ASUS TUF Gaming F17 TUF707VV-HX149 Intel® Core™ i7 i7-13620H Laptop 43,9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Black, Grey

Brand : ASUS

Product family: TUF Gaming

Article code: 90NR0CH6-M009M0



Product name : TUF707VV-HX149

ASUS TUF Gaming F17 TUF707VV-HX149. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 43,9 cm (17.3"), 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 4060. Product color: Black, Grey. Weight: 2,6 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	v
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	1
Display		Front camera HD type	HD
Display diagonal *	43.9 cm (17.3")	Network	
Display resolution *	1920 x 1080 pixels		W(: 5: 6 (002 11)
Touchscreen *	×	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
HD type	Full HD	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Native aspect ratio	16:9	Mobile network connection *	×
Anti-glare screen	1	Antenna type	2x2
RGB colour space	sRGB	Ethernet LAN	✓
Colour gamut	62.5%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	144 Hz	Bluetooth	٠
Processor		Bluetooth version	5.2
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	2
Processor family * Processor generation		ports quantity *	2
•	Intel® Core™ i7	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C	2
Processor generation Processor model * Processor cores	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	-
Processor generation Processor model * Processor cores Processor boost frequency	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 4.9 GHz	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C	1
Processor generation Processor model * Processor cores Processor boost frequency Performance cores	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 4.9 GHz 6	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports	1
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 4.9 GHz	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity *	1 1 1
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 4.9 GHz 6	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version	1 1 1 2.1
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 4.9 GHz 6 4 4.9 GHz	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity	1 1 1 2.1 1
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 4.9 GHz 6 4 4.9 GHz	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4	1 1 1 2.1 1
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency	Intel® Core ™ i7 13th gen Intel® Core ™ i7 i7-13620H 10 4.9 GHz 6 4 4.9 GHz 3.6 GHz	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Power adapter barrel connector USB Type-C DisplayPort Alternate	1 1 1 2.1 1 * *
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency Processor cache	Intel® Core ™ i7 13th gen Intel® Core ™ i7 i7-13620H 10 4.9 GHz 6 4 4.9 GHz 3.6 GHz 24 MB	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Power adapter barrel connector	1 1 1 2.1 1 *
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency Processor cache Processor cache type	Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 4.9 GHz 6 4 4.9 GHz 3.6 GHz 24 MB Smart Cache	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Power adapter barrel connector USB Type-C DisplayPort Alternate	1 1 1 2.1 1 * *
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency Processor cache Processor cache type Processor base power	Intel® Core ™ i7 13th gen Intel® Core ™ i7 i7-13620H 10 4.9 GHz 6 4 4.9 GHz 3.6 GHz 24 MB Smart Cache 45 W	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel ® Thunderbolt 4 Combo headphone/mic port Power adapter barrel connector USB Type-C DisplayPort Alternate Mode	1 1 1 2.1 1 * *
Processor generation Processor model * Processor cores Processor boost frequency Performance cores Efficient cores Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency Processor cache Processor cache type Processor base power Maximum turbo power	Intel® Core ™ i7 13th gen Intel® Core ™ i7 i7-13620H 10 4.9 GHz 6 4 4.9 GHz 3.6 GHz 24 MB Smart Cache 45 W	ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity Ethernet LAN (RJ-45) ports HDMI ports quantity * HDMI version Thunderbolt 4 ports quantity Intel® Thunderbolt 4 Combo headphone/mic port Power adapter barrel connector USB Type-C DisplayPort Alternate Mode Performance	1 1 1 2.1 1 ✓ ✓ 6.0 mm

	Keyboard	
4800 MHz SO-DIMM 2x SO-DIMM 32 GB Dual-channel	Numeric keypad * Keyboard backlit Keyboard backlit colour Keyboard backlit zone	✓ ✓ RGB 1-zone RGB
SSD 1 TB 1	Battery Battery technology Number of battery cells	× Lithium-Ion (Li-Ion) 4 90 Wh
PCI Express 4.0 M.2 X	Power AC adapter power AC adapter frequency	240 W 50 - 60 Hz 100 - 240 V
	AC adapter output current	12 A
NVIDIA NVIDIA GeForce RTX 4060	AC adapter output voltage USB Power Delivery (USB PD) *	20 V ✓
GDDR6 Intel Intel UHD Graphics Intel® UHD Graphics Intel® UHD Graphics	Cable lock slot Cable lock slot type Trusted Platform Module (TPM) Password protection Password protection type Weight & dimensions Width Depth	 Kensington Kensington BIOS, User 395 mm 264 mm
	SO-DIMM 2x SO-DIMM 32 GB Dual-channel 1 TB SSD 1 TB 1 1 TB PCI Express 4.0 ✓ M.2 X NVIDIA NVIDIA GEForce RTX 4060 8 GB GDDR6 ✓ Intel UHD Graphics Intel® UHD Graphics	4800 MHzNumeric keypad *SO-DIMMKeyboard backlit2x SO-DIMMKeyboard backlit colour32 GBKeyboard backlit zoneDual-channelSoftware1 TBSSD1 TBBatterySSDBattery technology1 TBBattery cells1 TBBattery cells1 TBBattery capacity *PCI Express 4.0Power✓AC adapter powerM.2AC adapter frequencyXAC adapter output currentNVIDIAUSB Power Delivery (USB PD) *NVIDIA GeForce RTX 4060SecurityA GabSecurityGDDR6Cable lock slot✓IntelIntelUHD GraphicsIntel® UHD GraphicsPasword protection typeIntel® UHD GraphicsPasword protection typeIntel® UHD GraphicsPasword protection typeIntel® UHD GraphicsMidth

Height (front)

Height (rear)

Weight *

2.29 cm

2.54 cm

2.6 kg



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