



# ASUS TUF Gaming FX607JV-N3113W Intel® Core™ i7 i7-13650HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey

UNLIMITED ACCESS FOR 3 MONTHS TO OVER 100 HIGH-QUALITY PC GAMES



**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0HV6-M006K0

**Product name :** FX607JV-N3113W

- Windows 11 Home 64-bit  
 - Intel Core i7-13650HX (24MB Cache)  
 - 40.6 cm (16") Full HD+ 1920 x 1200 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD  
 Intel Core i7-13650HX (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
 ASUS TUF Gaming FX607JV-N3113W. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13650HX. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 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. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Camera	
Colour name	Mecha Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1280 x 720 pixels
Product colour *	Grey	Front camera HD type	HD
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Introduction year	2024	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Country of origin	China	Mobile network connection *	✗
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	Ethernet LAN	✓
Display resolution *	1920 x 1200 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	WUXGA	Bluetooth version	5.2
Panel type	IPS	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	250 cd/m <sup>2</sup>	Ethernet LAN (RJ-45) ports	1
RGB colour space	sRGB	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Maximum refresh rate	165 Hz	Thunderbolt 4 ports quantity	1
Contrast ratio (typical)	1000:1	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Power adapter barrel connector	6.0 mm
Processor family *	Intel® Core™ i7	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	13th gen Intel® Core™ i7	USB Power Delivery	✓
Processor model *	i7-13650HX		
Processor cores	14		
Processor boost frequency	4.9 GHz		
Performance cores	6		

<b>Processor</b>		<b>Keyboard</b>	
Efficient cores	8	Pointing device	Touchpad
Performance-core Max Turbo Frequency	4.9 GHz	Numeric keypad *	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Keyboard backlit	✓
Processor cache	24 MB	Keyboard backlit colour	RGB
Processor cache type	Smart Cache	Keyboard backlit zone	1-zone RGB
Processor base power	55 W	<b>Software</b>	
Maximum turbo power	157 W	Operating system architecture	64-bit
<b>Memory</b>		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	<b>Battery</b>	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	5600 MHz	Number of battery cells	4
Memory form factor	SO-DIMM	Battery capacity *	90 Wh
Memory layout (slots x size)	2 x 8 GB	<b>Power</b>	
Memory slots	2x SO-DIMM	AC adapter power	240 W
Maximum internal memory *	32 GB	AC adapter frequency	50 - 60 Hz
Memory channels	Dual-channel	AC adapter input voltage	100 - 240 V
<b>Storage</b>		AC adapter output current	12 A
Total storage capacity *	1 TB	AC adapter output voltage	20 V
Storage media *	SSD	<b>Security</b>	
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	1 TB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Password protection	✓
NVMe	✓	Password protection type	BIOS, User
SSD form factor	M.2	<b>Sustainability</b>	
Optical drive type *	✗	Sustainability compliance	✓
<b>Graphics</b>		Sustainability certificates	EPEAT Bronze, ENERGY STAR
Discrete GPU manufacturer	NVIDIA	<b>Weight &amp; dimensions</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Width	355 mm
Discrete graphics card memory	8 GB	Depth	252 mm
Discrete graphics memory type	GDDR6	Height (front)	2.21 cm
On-board graphics card *	✓	Height (rear)	2.82 cm
Discrete graphics card *	✓	Weight *	2.27 kg
On-board graphics card family	Intel® UHD Graphics	<b>Packaging data</b>	
On-board graphics card model *	Intel® UHD Graphics	Package width	65 mm
NVIDIA G-SYNC	✓	Package depth	460 mm
<b>Audio</b>		Package height	290 mm
Audio system	Dolby Atmos	Package weight	2.57 kg
Number of built-in speakers	2	<b>Logistics data</b>	
Built-in microphone	✓	Commodity Classification	
		Automated Tracking System (CCATS)	8471300000



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