

ASUS TUF Gaming A16 FA607NUQ-RL038W AMD Ryzen™ 7 170 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0QF3-M00570

Product name : FA607NUQ-RL038W

- Windows 11 Home 64-bit
- AMD Ryzen 7 170 (3.2GHz)
- 16" Full HD+ 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD

AMD Ryzen 7 170 (3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 16" Full HD+ 1920 x 1200 IPS-Level, AMD Radeon 680M, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit ASUS TUF Gaming A16 FA607NUQ-RL038W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 170, Processor frequency: 3.2 GHz. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 680M. Operating system installed: Windows 11 Home. Product colour: Grey

Design		Camera	
Colour name	Mecha Gray	Front camera resolution	1280 x 720 pixels
Product type *	Laptop	Front camera HD type	HD
Product colour *	Grey	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Housing material	Plastic	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display back cover material	Plastic	Mobile network connection *	✗
Market positioning	Gaming	Antenna type	2x2
Introduction year	2026	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Bluetooth version	5.3
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS-Level	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
LED backlight	✓	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.1
Display brightness	300 cd/m²	Combo headphone/mic port	✓
RGB colour space	Adobe RGB	Power adapter barrel connector	6.0 mm
Colour gamut	75.35%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	144 Hz	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	AMD	Numeric keypad *	✓
Processor family *	AMD Ryzen™ 7	Keyboard backlight	✓
Processor generation	AMD Ryzen 100 Series	Keyboard backlight colour	RGB
Processor model *	170	Keyboard backlight zone	1-zone RGB
Processor cores	8	Copilot key	✓
Processor threads	16	Software	
Processor boost frequency	4.75 GHz	Operating system architecture	64-bit
Processor frequency *	3.2 GHz		
Processor cache type	L2 & L3		
L3 cache	16 MB		
L2 cache	4 MB		

Memory		Software	
Internal memory *	16 GB	Trial software	1-month trial for new Microsoft 365 customers; McAfee 30 days free trial
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB	Bundled software	Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD	Battery	Lithium-Ion (Li-Ion)
Total SSDs capacity	512 GB		
Number of SSDs installed	1		
SSD capacity	512 GB	Battery technology	
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	56 Wh
SSD form factor	M.2	Fast charging	✓
Optical drive type *	✗	Fast charging time (50%)	30 min
Graphics		Power	
Discrete GPU manufacturer	NVIDIA		
Discrete graphics card model *	NVIDIA GeForce RTX 4050		
Discrete graphics card memory	6 GB	AC adapter power	180 W
Discrete graphics memory type	GDDR6	AC adapter frequency	50 - 60 Hz
On-board graphics card *	✓	AC adapter input voltage	100 - 240 V
On-board GPU manufacturer	AMD	AC adapter output current	9 A
Discrete graphics card *	✓	AC adapter output voltage	20 V
On-board graphics card model *	AMD Radeon 680M	USB Type-C charging port *	✓
NVIDIA G-SYNC	✓	USB Power Delivery (USB PD)	✓
Audio		Security	
Audio system	Dolby Atmos		
Number of built-in speakers	2		
Built-in microphone	✓	Cable lock slot	✓
Camera		Cable lock slot type	Kensington
Front camera	✓	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)	2.67 cm
		Weight *	2.2 kg
		Packaging content	
		AC adapter included *	✓



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