ASUS TUF Gaming A16 FA607NUG-RL117 laptop AMD Ryzen™ 7 7445HS 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Black, Grey

Brand : ASUS

Product family: TUF Gaming

Product code: FA607NUG-RL117

Product name : FA607NUG-RL117

- No OS
- AMD Ryzen 7 7445HS (3.2GHz)
- 16" WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 512GB SSD

AMD Ryzen 7 7445HS (3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, AMD Radeon 740M, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, No OS

ASUS TUF Gaming A16 FA607NUG-RL117 laptop AMD Ryzen™ 7 7445HS 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Black, Grey:

Subtle styling
The 2024 TUF Gaming A16 retains its classic TUF styling, with a few new touches. The Mecha Grey variant sports an embossed TUF logo, while the Jaeger Gray editions have a stylish laser engraved logo. Four small triangles frame the corners of the lid, and subtle TUF references appear on the keyboard deck and trackpad.

Design	
Colour name	Mecha Gray
Product type *	Laptop
Product colour *	Black, Grey
Form factor *	Clamshell
Housing material	Plastic
Market positioning	Gaming
Certified refurbished	✕

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✕
HD type	WUXGA
Panel type	IPS-Level
Native aspect ratio	16:10
Anti-glare screen	✔
RGB colour space	Adobe RGB
Colour gamut	75.35%
Maximum refresh rate	144 Hz

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor generation	AMD Ryzen 7000 Series
Processor model *	7445HS
Processor cores	6
Processor threads	12
Processor boost frequency	4.7 GHz
Processor frequency *	3.2 GHz
Processor cache type	L2 & L3
L3 cache	16 MB
L2 cache	6 MB

Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Built-in microphone	✔

Camera	
Front camera	✔
Front camera HD type	HD

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✕
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB4 Gen 3x2 ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
Power adapter barrel connector	6.0 mm
USB Type-C DisplayPort Alternate Mode	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔

Neural processor unit (NPU)	
Copilot+ PC	✗

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Memory channels	Dual-channel

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 3.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✗

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4050
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✔
On-board graphics card family	AMD Radeon
On-board graphics card model *	AMD Radeon 740M
NVIDIA G-SYNC	✔

Keyboard	
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB
Copilot key	✔

Software	
Operating system installed *	✗

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	56 Wh
Fast charging	✔
Fast charging time (50%)	30 min

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
DC-in jack	✔
USB Type-C charging port *	✔
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)	2.67 cm
Weight *	2.2 kg

Packaging content	
AC adapter included *	✔

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