

ASUS TUF Gaming A16 FA607NUG-RL116W AMD Ryzen™ 7 7445HS Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0MU3-M007K0

Product name : FA607NUG-RL116W

- Windows 11 Home 64-bit
- AMD Ryzen 7 7445HS (3.2GHz)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM & 512GB SSD

AMD Ryzen 7 7445HS (3.2GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 740M, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A16 FA607NUG-RL116W AMD Ryzen™ 7 7445HS Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home 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		Network	
Colour name	Mecha Gray	Antenna type	2x2
Product type *	Laptop	Ethernet LAN	✓
Product colour *	Black, Grey	Ethernet LAN data rates	10,100,1000 Mbit/s
Form factor *	Clamshell	Bluetooth	✓
Housing material	Plastic	Bluetooth version	5.3
Market positioning	Gaming	Ports & interfaces	
Country of origin	China	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display diagonal *	40.6 cm (16")	USB4 Gen 3x2 ports quantity	1
Display resolution *	1920 x 1200 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	WUXGA	HDMI version	2.1
Panel type	IPS-Level	Combo headphone/mic port	✓
Native aspect ratio	16:10	Power adapter barrel connector	6.0 mm
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	300 cd/m²	Performance	
RGB colour space	NTSC	Repairability index	9.9
Colour gamut	45%	Keyboard	
Maximum refresh rate	144 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1000:1	Numeric keypad *	✓
Processor		Keyboard backlit	✓
Processor manufacturer *	AMD	Keyboard backlit colour	RGB
Processor family *	AMD Ryzen™ 7	Keyboard backlit zone	1-zone RGB
Processor generation	AMD Ryzen 7000 Series	Copilot key	✓
Processor model *	7445HS	Software	
Processor cores	6	Operating system architecture	64-bit
Processor threads	12		
Processor boost frequency	4.7 GHz		
Processor frequency *	3.2 GHz		
Processor cache type	L2 & L3		

Processor		Software	
L3 cache	16 MB	Microsoft Copilot	✓
L2 cache	6 MB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Memory			
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz	Bundled software	Xbox Game Pass for PC_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass for PC. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Memory form factor	SO-DIMM		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	512 GB	Battery capacity *	56 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	512 GB	Fast charging time (50%)	30 min
SSD interface	PCI Express 3.0	Power	
NVMe	✓	AC adapter power	240 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	AC adapter output current	12 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	DC-in jack	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	USB Type-C charging port *	✓
Discrete graphics card memory	6 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Cable lock slot	✓
On-board GPU manufacturer	AMD	Cable lock slot type	Kensington
Discrete graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board graphics card family	AMD Radeon	Password protection	✓
On-board graphics card model *	AMD Radeon 740M	Password protection type	BIOS, User
NVIDIA G-SYNC	✓	Weight & dimensions	
Audio		Width	354 mm
Audio system	Dolby Atmos	Depth	251 mm
Number of built-in speakers	2	Height (front)	2.24 cm
Built-in microphone	✓	Height (rear)	2.67 cm
Camera		Weight *	2.2 kg
Front camera	✓	Packaging data	
Front camera HD type	HD	Package width	465 mm
Network		Package depth	90 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package height	335 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package weight	5.56 kg
Mobile network connection *	✗	Packaging content	
		AC adapter included *	✓
Logistics data			
		Commodity Classification Automated Tracking System (CCATS)	8471300000



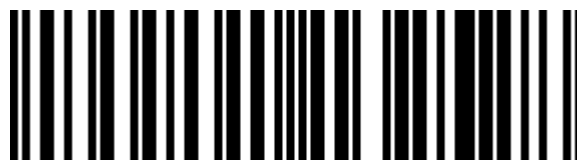
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Catalog Object Cloud



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