

# ASUS TUF Gaming A16 FA607PV-N3034W AMD Ryzen™ 9 7845HX 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



**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0IX4-M002C0

**Product name :** FA607PV-N3034W

- Windows 11 Home 64-bit
- AMD Ryzen 9 7845HX (64MB Cache, 3GHz)
- 40.6 cm (16") WUXGA 1920 x 1200, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5200MHz) DDR5-SDRAM & 1000GB SSD
- AMD Ryzen 9 7845HX (64MB Cache, 3GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200, AMD Radeon 610M, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A16 FA607PV-N3034W AMD Ryzen™ 9 7845HX 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:



## Expansive immersion. Mechanised performance.

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 Grey 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		Camera	
Colour name	Jaeger Gray	Front camera	✓
Product type *	Laptop	Front camera HD type	HD
Product colour *	Grey	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6 (802.11ax)
<b>Display</b>		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	WUXGA	Bluetooth	✓
LED backlight	✓	Bluetooth version	5.3
Native aspect ratio	16:10	<b>Ports &amp; interfaces</b>	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	250 cd/m <sup>2</sup>	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
RGB colour space	sRGB	Ethernet LAN (RJ-45) ports	1
Colour gamut	100%	HDMI ports quantity *	1
Maximum refresh rate	165 Hz	HDMI version	2.1
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
<b>Processor</b>		Power adapter barrel connector	6.0 mm
Processor manufacturer *	AMD	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	AMD Ryzen™ 9	USB Power Delivery	✓
Processor model *	7845HX	<b>Performance</b>	
Processor cores	12	Repairability index	8.5
Processor boost frequency	5.2 GHz	<b>Keyboard</b>	
Processor frequency *	3 GHz	Pointing device	Touchpad
Processor cache	64 MB		
Processor cache type	L3		

<b>Memory</b>		<b>Keyboard</b>	
Internal memory *	16 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	5200 MHz	Keyboard backlit colour	RGB
Memory form factor	SO-DIMM	Keyboard backlit zone	1-zone RGB
Memory layout (slots x size)	2 x 8 GB	<b>Software</b>	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
<b>Storage</b>		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	<b>Battery</b>	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	90 Wh
SSD capacity	1 TB	<b>Power</b>	
SSD interface	PCI Express 4.0	AC adapter power	280 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	14 A
<b>Graphics</b>		AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 4060	<b>Security</b>	
Discrete graphics card memory	8 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Cable lock slot type	Kensington
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Password protection	✓
On-board graphics card model *	AMD Radeon 610M	Password protection type	BIOS, User
NVIDIA G-SYNC	✓	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	355 mm
Audio system	Dolby Atmos	Depth	252 mm
Number of built-in speakers	2	Height (front)	2.21 cm
Built-in microphone	✓	Height (rear)	2.82 cm
		Weight *	2.27 kg



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