

## ASUS TUF Gaming A16 FA607PV-RL124W AMD Ryzen™ 9 7940HX 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 Black, Grey

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0IX3-M00620

**Product name :** FA607PV-RL124W



- Windows 11 Home 64-bit  
- AMD Ryzen 9 7940HX (80MB Cache, 2.4GHz)  
- 40.6 cm (16") WUXGA 1920 x 1200, NVIDIA GeForce RTX 4060 (8GB GDDR6)  
- 16GB (5200MHz) DDR5-SDRAM & 1000GB SSD  
AMD Ryzen 9 7940HX (80MB Cache, 2.4GHz), 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-RL124W AMD Ryzen™ 9 7940HX 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 Black, 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		Network	
Colour name	Mecha Gray	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black, Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	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	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	300 cd/m²	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	2.1
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	144 Hz	Power adapter barrel connector	6.0 mm
Contrast ratio (typical)	1000:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		Performance	
Processor manufacturer *	AMD	Repairability index	8.5
Processor family *	AMD Ryzen™ 9	Keyboard	
Processor generation	AMD Ryzen 7000 Series	Pointing device	Touchpad
Processor model *	7940HX	Numeric keypad *	✓
Processor cores	16	Keyboard backlit	✓
Processor threads	32	Keyboard backlit colour	RGB
Processor boost frequency	5.2 GHz		
Processor frequency *	2.4 GHz		
Processor cache	80 MB		
Processor cache type	L2 & L3		

Memory		Keyboard	
Internal memory *	16 GB	Keyboard backlit zone	1-zone RGB
Internal memory type	DDR5-SDRAM	<b>Software</b>	
Memory clock speed	5200 MHz	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home
Storage		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.)
Total storage capacity *	1 TB		
Storage media *	SSD	<b>Battery</b>	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	1 TB	Battery capacity *	90 Wh
SSD interface	PCI Express 4.0	<b>Power</b>	
NVMe	✓	AC adapter power	280 W
SSD form factor	M.2	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	14 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 4060	USB Type-C charging port *	✓
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR6	<b>Security</b>	
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 model *	AMD Radeon 610M	Password protection	✓
NVIDIA G-SYNC	✓	Password protection type	BIOS, User
Audio		<b>Weight &amp; dimensions</b>	
Audio system	Dolby Atmos	Width	355 mm
Number of built-in speakers	2	Depth	252 mm
Built-in microphone	✓	Height (front)	2.21 cm
Camera		Height (rear)	2.82 cm
Front camera	✓	Weight *	2.27 kg
Front camera HD type	HD	<b>Packaging content</b>	
		AC adapter included *	✓



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