

# ASUS TUF Gaming A16 FA607PI-QT008W AMD Ryzen™ 9 7845HX Laptop 40.6 cm (16") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0IV4-M00090

Product name : FA607PI-QT008W



- Windows 11 Home 64-bit
- AMD Ryzen 9 7845HX (76MB Cache, 3GHz)
- 40.6 cm (16") Quad HD+ 2560 x 1600 IPS, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 16GB (5200MHz) DDR5-SDRAM & 1000GB SSD
- AMD Ryzen 9 7845HX (76MB Cache, 3GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600 IPS, AMD Radeon 610M, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
- ASUS TUF Gaming A16 FA607PI-QT008W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 7845HX, Processor frequency: 3 GHz. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 610M. Operating system installed: Windows 11 Home. Product colour: Grey



Design		Audio	
Colour name	Jaeger Gray	Built-in microphone	✓
Product type *	Laptop	Camera	
Product colour *	Grey	Front camera	✓
Form factor *	Clamshell	Front camera resolution	1280 x 720 pixels
Market positioning	Gaming	Front camera HD type	HD
Introduction year	2024	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	Quad HD+	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.3
Anti-glare screen	✓	Ports & interfaces	
Display brightness	400 cd/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	165 Hz	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen™ 9	Power adapter barrel connector	6.0 mm
Processor model *	7845HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	12	USB Power Delivery	✓
Processor boost frequency	5.2 GHz	Keyboard	
Processor frequency *	3 GHz	Pointing device	Touchpad
Processor cache	76 MB	Numeric keypad *	✓
Processor cache type	L2 & L3	Keyboard backlight	✓
Memory		Keyboard backlight colour	RGB
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

<b>Memory</b>		<b>Keyboard</b>	
Memory clock speed	5200 MHz	Keyboard backlit zone	1-zone RGB
Memory form factor	SO-DIMM	<b>Software</b>	
Memory slots	2x SO-DIMM	Operating system architecture	64-bit
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
Memory channels	Dual-channel	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	1 TB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	1 TB	<b>Power</b>	
Number of SSDs installed	1	AC adapter power	280 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	14 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	<b>Security</b>	
<b>Graphics</b>		Cable lock slot	✓
Discrete GPU manufacturer	NVIDIA	Cable lock slot type	Kensington
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Trusted Platform Module (TPM)	✓
Discrete graphics card memory	8 GB	Password protection	✓
Discrete graphics memory type	GDDR6	Password protection type	BIOS, User
On-board graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board GPU manufacturer	AMD	Width	355 mm
Discrete graphics card *	✓	Depth	252 mm
On-board graphics card model *	AMD Radeon 610M	Height (front)	2.21 cm
NVIDIA G-SYNC	✓	Height (rear)	2.82 cm
<b>Audio</b>		Weight *	2.27 kg
Audio system	Dolby Atmos		
Number of built-in speakers	2		



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