

## ASUS TUF Gaming A16 FA608WI-QT013W laptop AMD Ryzen AI 9 370 40.6 cm (16") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** FA608WI-QT013W

**Product name :** FA608WI-QT013W



- Windows 11 Home 64-bit
  - AMD Ryzen AI 9 370 (24MB Cache, 2GHz)
  - 40.6 cm (16") 2.5K 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)
  - 32GB (7500MHz) LPDDR5x-SDRAM & 1000GB SSD
- AMD Ryzen AI 9 370 (24MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") 2.5K 2560 x 1600, AMD Radeon 890M, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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### ROBUST PERFORMANCE, ELEVATED VICTORY.

#### SERIOUS GAMING SPECS

As a member of the TUF Gaming family, the A16 boasts some seriously impressive specs, giving you access to the very best of gaming on Windows 11. Featuring an AMD Ryzen™ AI 9 HX 370 processor and up to an NVIDIA® GeForce RTX 4060 Laptop GPU, the A16 can easily play the latest games or keep your workflow on schedule. Paired with 16GB of LPDDR5X 7500MHz memory and 1TB of expandable PCIe Gen 4 storage, this little machine is ready for anything, right out of the box.



Design		Camera	
Colour name	Jaeger Gray	Front camera	✓
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Black, Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Housing material	Plastic	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Introduction year	2024	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	2560 x 1600 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	2.5K	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 2 (3.1 Gen 2) Type-A ports quantity	2
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Colour gamut	100%	USB4 Gen 2x2 ports quantity	1
Maximum refresh rate	165 Hz	Ethernet LAN (RJ-45) ports	1
Contrast ratio (typical)	1000:1	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	AMD	Combo headphone/mic port	✓
Processor family *	AMD Ryzen AI 9	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	AMD Ryzen AI 300	USB Power Delivery	✓
Processor model *	370	Keyboard	
Processor cores	12	Pointing device	Touchpad
Processor threads	24		
Processor boost frequency	5.1 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Processor frequency *	2 GHz	Keyboard layout	QWERTY
Processor cache	24 MB	Keyboard language	Dutch
Processor cache type	L3	Numeric keypad *	✓
<b>Neural processor unit (NPU)</b>		Keyboard backlit	✓
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit colour	RGB
Total processor performance up to	80 TOPs	Keyboard backlit zone	1-zone RGB
NPU performance up to	50 TOPs	Copilot key	✓
<b>Memory</b>		<b>Software</b>	
Internal memory *	32 GB	Operating system architecture	64-bit
Internal memory type	LPDDR5x-SDRAM		1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days, Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Memory clock speed	7500 MHz	Trial software	
Memory form factor	On-board		
Maximum internal memory *	32 GB	Operating system installed *	Windows 11 Home
<b>Storage</b>		Microsoft Copilot	✓
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	Fast charging	✓
SSD interface	PCI Express 4.0	Fast charging time (50%)	30 min
NVMe	✓	<b>Power</b>	
SSD form factor	M.2	AC adapter power	240 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
<b>Graphics</b>		AC adapter output current	12 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 4070	<b>Security</b>	
Discrete graphics card memory	8 GB	Face recognition	✓
Discrete graphics memory type	GDDR6	Windows Hello	✓
On-board graphics card *	✓	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, User
On-board graphics card model *	AMD Radeon 890M	<b>Sustainability</b>	
NVIDIA G-SYNC	✓	Sustainability certificates	ENERGY STAR, EPEAT Silver
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Audio system	Dolby Audio	Width	354 mm
Number of built-in speakers	2	Depth	269 mm
Built-in microphone	✓	Height (front)	1.79 cm
		Height (rear)	2.57 cm
		Weight *	2.2 kg



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