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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

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:

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

Colour name	Jaeger Gray
Product type *	Laptop
Product colour *	Black, Grey
Form factor *	Clamshell
Housing material	Plastic
Market positioning	Gaming
Introduction year	2024

Display

Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✘
HD type	2.5K
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	400 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	165 Hz
Contrast ratio (typical)	1000:1

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI 9
Processor generation	AMD Ryzen AI 300
Processor model *	370
Processor cores	12
Processor threads	24
Processor boost frequency	5.1 GHz

Camera

Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Infrared (IR) camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
USB4 Gen 2x2 ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

Keyboard

Pointing device	Touchpad

Processor

Processor frequency *	2 GHz
Processor cache	24 MB
Processor cache type	L3

Neural processor unit (NPU)

Neural processor unit (NPU)	AMD Ryzen AI
Total processor performance up to	80 TOPs
NPU performance up to	50 TOPs

Memory

Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory clock speed	7500 MHz
Memory form factor	On-board
Maximum internal memory *	32 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✗

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4070
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✓
Discrete graphics card *	✓
On-board graphics card model *	AMD Radeon 890M
NVIDIA G-SYNC	✓

Audio

Audio system	Dolby Audio
Number of built-in speakers	2
Built-in microphone	✓

Keyboard

Keyboard layout	QWERTY
Keyboard language	Dutch
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB
Copilot key	✓

Software

Operating system architecture	64-bit
Trial software	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.)
Operating system installed *	Windows 11 Home
Microsoft Copilot	✓

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	4
Battery capacity *	90 Wh
Fast charging	✓
Fast charging time (50%)	30 min

Power

AC adapter power	240 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	12 A
AC adapter output voltage	20 V

Security

Face recognition	✓
Windows Hello	✓
Password protection	✓
Password protection type	BIOS, User

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Silver

Weight & dimensions

Width	354 mm
Depth	269 mm
Height (front)	1.79 cm
Height (rear)	2.57 cm
Weight *	2.2 kg

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