

ASUS TUF Gaming A16 FA608WV-QT015W AMD Ryzen AI 9 HX 370 Laptop 40.6 cm (16") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0J01-M003J0

Product name : FA608WV-QT015W



- Windows 11 Home 64-bit
- AMD Ryzen AI 9 HX 370 (36MB Cache, 2GHz)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (7500MHz) LPDDR5x-SDRAM (2 x 16) & 1000GB SSD
- AMD Ryzen AI 9 HX 370 (36MB Cache, 2GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, AMD Radeon 890M, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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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		Audio	
Colour name	Jaeger Gray	Audio system	Dolby Audio
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black, Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Housing material	Plastic	Front camera	✓
Market positioning	Gaming	Front camera HD type	Full HD
Introduction year	2024	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Antenna type	2x2
HD type	WQXGA	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/m²	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
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen AI 9 HX	Combo headphone/mic port	✓
Processor generation	AMD Ryzen AI 300	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	370	USB Power Delivery	✓
Processor cores	12		
Processor threads	24		
Processor boost frequency	5.1 GHz		
Processor frequency *	2 GHz		

Processor		Keyboard	
Processor cache	36 MB	Pointing device	Touchpad
Processor cache type	L2 & L3	Numeric keypad *	✓
Neural processor unit (NPU)		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	Software	
Memory		Operating system architecture	64-bit
Internal memory *	32 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Home
Memory clock speed	7500 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 16 GB	Number of battery cells	4
Maximum internal memory *	32 GB	Battery capacity *	90 Wh
Storage		Fast charging	✓
Total storage capacity *	1 TB	Fast charging time (50%)	30 min
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	240 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	AC adapter output current	12 A
NVMe	✓	AC adapter output voltage	20 V
SSD form factor	M.2	Security	
Optical drive type *	✗	Password protection	✓
Card reader integrated	✗	Password protection type	BIOS, User
Graphics		Sustainability	
Discrete GPU manufacturer	NVIDIA	Sustainability compliance	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Sustainability certificates	ENERGY STAR, EPEAT Silver
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	354 mm
On-board graphics card *	✓	Depth	269 mm
On-board GPU manufacturer	AMD	Height (front)	1.79 cm
Discrete graphics card *	✓	Height (rear)	2.57 cm
On-board graphics card model *	AMD Radeon 890M	Weight *	2.2 kg
NVIDIA G-SYNC	✓	Packaging data	
		Package width	426.6 mm
		Package depth	103.6 mm
		Package height	326 mm
		Package weight	3.29 kg



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