

## ASUS TUF Gaming A16 FA608PP-RV008W AMD Ryzen™ 9 8940HX Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0MD1-M000J0

**Product name :** FA608PP-RV008W

- Windows 11 Home 64-bit  
 - AMD Ryzen 9 8940HX (2.4GHz)  
 - 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR6)  
 - 16GB (5200MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD  
 AMD Ryzen 9 8940HX (2.4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 610M, NVIDIA GeForce RTX 5070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

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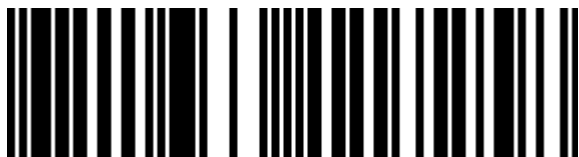
### Serious gaming specs

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 up to AMD Ryzen™ 9 8940HX processor and up to an NVIDIA® GeForce RTX™ 5070 Laptop GPU, the A16 can easily play the latest games or keep your workflow on schedule.



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	2025	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	WUXGA	Bluetooth	✓
Panel type	IPS-Level	Bluetooth version	5.3
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Display brightness	400 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
RGB colour space	sRGB	Ethernet LAN (RJ-45) ports	1
Colour gamut	100%	HDMI ports quantity *	1
Maximum refresh rate	165 Hz	HDMI version	2.1
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Performance	
Processor family *	AMD Ryzen™ 9	Repairability index	9.9
Processor generation	AMD Ryzen 8000 Series		
Processor model *	8940HX		
Processor cores	16		
Processor threads	32		
Processor boost frequency	5.3 GHz		

Processor		Keyboard	
Processor frequency *	2.4 GHz	Pointing device	Touchpad
L3 cache	64 MB	Numeric keypad *	✓
L2 cache	16 MB	Keyboard backlit	✓
Processor cache type	L2 & L3	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	1-zone RGB
Internal memory *	16 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	5200 MHz	Operating system architecture	64-bit
Memory form factor	SO-DIMM	Microsoft Copilot	✓
Memory layout (slots x size)	2 x 8 GB	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	64 GB		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.)
Memory channels	Dual-channel	Bundled software	
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	90 Wh
Number of SSDs installed	1	Fast charging	✓
SSD capacity	1 TB	Fast charging time (50%)	30 min
SSD interface	PCI Express 4.0	Power	
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
Card reader integrated	✗	AC adapter output current	14 A
Graphics		AC adapter output voltage	20 V
Discrete GPU manufacturer	NVIDIA	DC-in jack	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	USB Type-C charging port *	✓
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Face recognition	✓
On-board GPU manufacturer	AMD	Windows Hello	✓
Discrete graphics card *	✓	Password protection	✓
On-board graphics card family	AMD Radeon	Password protection type	BIOS, User
On-board graphics card model *	AMD Radeon 610M	Weight & dimensions	
NVIDIA G-SYNC	✓	Width	354 mm
Audio		Depth	269 mm
Audio system	Dolby Audio	Height (front)	1.79 cm
Number of built-in speakers	2	Height (rear)	2.73 cm
Built-in microphone	✓	Weight *	2.2 kg
		Packaging content	
		AC adapter included *	✓



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### Catalog Object Cloud



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