

ASUS TUF Gaming A16 FA608UH-RV115W AMD Ryzen™ 7 260 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0KS1-M00850

Product name : FA608UH-RV115W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (3.8GHz)
 - 16" WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5050 (8GB GDDR7)
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
 AMD Ryzen 7 260 (3.8GHz), 16GB DDR5-SDRAM, 512GB SSD, 16" WUXGA 1920 x 1200 IPS-Level, AMD Radeon 780M, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, 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		Audio	
Colour name	Jaeger Gray	Audio system	Dolby Atmos
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Network	
Market positioning	Gaming	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Certified refurbished	✗	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
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 2.0 ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display brightness	300 cd/m²	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
RGB colour space	sRGB	USB4 Gen 3x2 ports quantity	1
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Display response rise/fall	3 ms	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™ 7	Repairability index	9.6
Processor generation	AMD Ryzen 200 Series	Keyboard	
Processor model *	260	Pointing device	Touchpad
Processor cores	8	Numeric keypad *	✓
Processor threads	16		
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		

Processor		Keyboard	
Processor cache type	L2 & L3	Keyboard backlit	✔
L3 cache	16 MB	Keyboard backlit colour	RGB
L2 cache	8 MB	Keyboard backlit zone	1-zone RGB
Neural processor unit (NPU)		Copilot key	✔
Copilot+ PC	✗	Software	
Neural processor unit (NPU)	AMD Ryzen AI	Operating system architecture	64-bit
Total processor performance up to	38 TOPs	Microsoft Copilot	✔
NPU performance up to	16 TOPs	Trial software	1-month trial for new Microsoft 365 customers. Credit card required, McAfee 30 days
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Bundled software	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.)
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	512 GB	Battery capacity *	90 Wh
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	200 W
SSD interface	PCI Express 4.0	AC adapter frequency	50 - 60 Hz
NVMe	✔	AC adapter input voltage	100 - 240 V
SSD form factor	M.2	AC adapter output current	10 A
Optical drive type *	✗	AC adapter output voltage	20 V
Graphics		DC-in jack	✔
Discrete GPU manufacturer	NVIDIA	USB Type-C charging port *	✔
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	USB Type-C required charging power (min) *	45 W
Discrete graphics card memory	8 GB	USB Type-C required charging power (max) *	100 W
Discrete graphics memory type	GDDR7	USB Power Delivery (USB PD)	✔
On-board graphics card *	✔	Security	
On-board GPU manufacturer	AMD	Password protection	✔
Discrete graphics card *	✔	Password protection type	BIOS, User
On-board graphics card family	AMD Radeon	Sustainability	
On-board graphics card model *	AMD Radeon 780M	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board graphics card 4K support	✔	Weight & dimensions	
On-board graphics card 8K support	✔	Width	354 mm
NVIDIA G-SYNC	✔	Depth	269 mm
AMD FreeSync	✔	Height (front)	1.79 cm
		Height (rear)	2.57 cm
		Weight *	2.2 kg
Packaging content			
		AC adapter included *	✔

Catalog Object Cloud



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