

ASUS TUF Gaming A16 FA608UH-RV015W AMD Ryzen™ 7 260 Laptop 40.6 cm (16") Full HD+ 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-M002Y0

Product name : FA608UH-RV015W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (3.8GHz)
 - 40.6 cm (16") Full HD+ 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, 40.6 cm (16") Full HD+ 1920 x 1200 IPS-Level, AMD Radeon 780M, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A16 FA608UH-RV015W AMD Ryzen™ 7 260 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

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 AMD Ryzen™ 7 260 processor and an NVIDIA® GeForce RTX™ 5060 Laptop GPU, the A16 can easily play the latest games or keep your workflow on schedule. Paired with 16GB of DDR5 5600MHz memory per slot and dual expandable PCIe Gen 4 storage slots, 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 *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Market positioning	Gaming	Network	
Introduction year	2025	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✗	Ethernet LAN	✓
HD type	Full HD+	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS-Level	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.3
Anti-glare screen	✓	Ports & interfaces	
Display brightness	300 cd/m²	USB 2.0 ports quantity *	1
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	165 Hz	USB4 Gen 3x2 ports quantity	1
Contrast ratio (typical)	1000:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	AMD	HDMI version	2.1
Processor family *	AMD Ryzen™ 7	Combo headphone/mic port	✓
Processor generation	AMD Ryzen 200 Series	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	260	Keyboard	
Processor cores	8	Pointing device	Touchpad
Processor threads	16	Numeric keypad *	✓
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		
Processor cache type	L2 & L3		

Processor		Keyboard	
L3 cache	16 MB	Keyboard backlit	✔
L2 cache	8 MB	Keyboard backlit colour	RGB
Neural processor unit (NPU)		Keyboard backlit zone	1-zone RGB
Neural processor unit (NPU)	AMD Ryzen AI	Copilot key	✔
Total processor performance up to	38 TOPs	Software	
NPU performance up to	16 TOPs	Operating system architecture	64-bit
Memory		Trial software	1-month trial for new Microsoft 365 customers.
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	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.)
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		
Memory channels	Dual-channel	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	512 GB	Number of battery cells	4
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	512 GB	Fast charging	✔
Number of SSDs installed	1	Fast charging time (50%)	30 min
SSD capacity	512 GB	Power	
SSD interface	PCI Express 4.0	AC adapter power	240 W
NVMe	✔	AC adapter frequency	50 - 60 Hz
SSD form factor	M.2	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	12 A
Card reader integrated	✗	AC adapter output voltage	20 V
Graphics		USB Type-C charging port *	✔
Discrete GPU manufacturer	NVIDIA	USB Type-C required charging power (min) *	45 W
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	USB Type-C required charging power (max) *	100 W
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✔
Discrete graphics memory type	GDDR7	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 Graphics	Password protection type	BIOS, User
On-board graphics card model *	AMD Radeon 780M	Sustainability	
NVIDIA G-SYNC	✔	Sustainability certificates	ENERGY STAR, EPEAT Silver
Audio		Weight & dimensions	
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
		Packaging content	
		AC adapter included *	✔



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