

ASUS TUF Gaming A16 FA608UM-RV010W laptop AMD Ryzen™ 7 260 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: TUF Gaming

Product code: FA608UM-RV010W

Product name : FA608UM-RV010W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (3.8GHz)
 - 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5060 (8GB GDDR7)
 - 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD
- AMD Ryzen 7 260 (3.8GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS-Level, AMD Radeon 780M, NVIDIA GeForce RTX 5060 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A16 FA608UM-RV010W laptop AMD Ryzen™ 7 260 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Grey:

ASUS TUF GAMING A16

Robust Performance, Elevated Victory.

performance

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		Network	
Colour name	Jaeger Gray	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	Ethernet LAN	✓
Country of origin	China	Ethernet LAN data rates	10,100,1000 Mbit/s
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Bluetooth version	5.3
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 2.0 ports quantity *	1
HD type	WUXGA	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Panel type	IPS-Level	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:10	USB4 Gen 3x2 ports quantity	1
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	300 cd/m²	HDMI ports quantity *	1
RGB colour space	sRGB	HDMI version	2.1
Colour gamut	100%	Combo headphone/mic port	✓
Maximum refresh rate	165 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1000:1	Performance	
Processor		Repairability index	9.7
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 7	Pointing device	Touchpad
Processor generation	AMD Ryzen 200 Series	Numeric keypad *	✓
Processor model *	260	Keyboard backlit	✓
Processor cores	8		
Processor threads	16		
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		

Processor		Keyboard	
Processor cache type	L2 & L3	Keyboard backlit colour	RGB
L3 cache	16 MB	Keyboard backlit zone	1-zone RGB
L2 cache	8 MB	Copilot key	✔
Neural processor unit (NPU)		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.
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 slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
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		
NVMe	✔		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics			
Discrete GPU manufacturer	NVIDIA		
Discrete graphics card model *	NVIDIA GeForce RTX 5060		
Discrete graphics card memory	8 GB		
Discrete graphics memory type	GDDR7		
On-board graphics card *	✔		
On-board GPU manufacturer	AMD		
Discrete graphics card *	✔		
On-board graphics card family	AMD Radeon		
On-board graphics card model *	AMD Radeon 780M		
On-board graphics card 4K support	✔		
On-board graphics card 8K support	✔		
NVIDIA G-SYNC	✔		
AMD FreeSync	✔		
Audio			
Audio system	Dolby Atmos		
Number of built-in speakers	2		
Built-in microphone	✔		
Camera			
Front camera	✔		
Front camera HD type	Full HD		
Infrared (IR) camera	✔		

Keyboard	
Keyboard backlit colour	RGB
Keyboard backlit zone	1-zone RGB
Copilot key	✔
Software	
Operating system architecture	64-bit
Microsoft Copilot	✔
Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Operating system installed *	Windows 11 Home
	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.)
Bundled software	
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
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	45 W
USB Type-C required charging power (max) *	100 W
USB Power Delivery (USB PD)	✔
Security	
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
Packaging data	
Package width	465 mm
Package depth	90 mm
Package height	335 mm
Package weight	4.56 kg
Packaging content	
AC adapter included *	✔
Logistics data	
Commodity Classification Automated Tracking System (CCATS)	8471300000



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Catalog Object Cloud



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