

ASUS TUF Gaming A16 FA608UH-RV027W AMD Ryzen™ 7 260 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0KS1-M002K0

Product name : FA608UH-RV027W

- An AMD Ryzen 7 260 and an NVIDIA GeForce RTX 5050 Laptop GPU, supporting NVIDIA Advanced Optimus

- Lightweight 2.20kg chassis, USB-C power delivery, and MIL-STD-810H durability

- Full upgradability with Dual 2280 NVMe SSD slots and dual-channel LPDDR5 RAM

- 16:10 aspect ratio, WUXGA 1920 x 1200 165Hz/3ms display with NVIDIA G-SYNC support

- Large rear exhaust vents

AMD Ryzen 7 260 (16MB Cache, 3.8GHz), 16GB DDR5-SDRAM, 1000GB 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

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Robust Performance, Elevated Victory.

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 an AMD® Ryzen™ 7 260 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 Audio
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Grey	Built-in microphone	✓
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Introduction year	2025	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	Full HD+	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS-Level	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	Ethernet LAN	✓
Display brightness	300 cd/m²	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Maximum refresh rate	165 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	USB 2.0 ports quantity *	1
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor family *	AMD Ryzen™ 7	USB4 Gen 3x2 ports quantity	1
Processor generation	AMD Ryzen 200 Series	Ethernet LAN (RJ-45) ports	1
Processor model *	260	HDMI ports quantity *	1
Processor cores	8	HDMI version	2.1
Processor threads	16		
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		

Processor		Ports & interfaces	
L3 cache	16 MB	Combo headphone/mic port	✓
L2 cache	8 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	16 MB		
Processor cache type	L2 & L3		
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	AMD Ryzen AI	Pointing device	Touchpad
Total processor performance up to	38 TOPs	Numeric keypad *	✓
NPU performance up to	16 TOPs	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	16 GB	Keyboard backlit zone	1-zone RGB
Internal memory type	DDR5-SDRAM	Copilot key	✓
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM	Software	
Memory layout (slots x size)	2 x 8 GB	Operating system architecture	64-bit
Memory slots	2x SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers.
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home
Memory channels	Dual-channel		
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	✓	Power	
SSD form factor	M.2	AC adapter power	240 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	12 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 5050	USB Type-C charging port *	✓
Discrete graphics card memory	8 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR7		
On-board graphics card *	✓	Security	
On-board GPU manufacturer	AMD	Face recognition	✓
Discrete graphics card *	✓	Windows Hello	✓
On-board graphics card family	AMD Radeon Graphics	Password protection	✓
On-board graphics card model *	AMD Radeon 780M	Password protection type	BIOS, User
NVIDIA G-SYNC	✓		
		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 content	
		AC adapter included *	✓



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Catalog Object Cloud



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