

ASUS TUF Gaming A16 FA608UP-R7165W AMD Ryzen™ 7 260 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0KT1-M000V0

Product name : FA608UP-R7165W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (3.8GHz)
 - 16" WUXGA 1920 x 1200 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR7)
 - 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 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 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A16 FA608UP-R7165W AMD Ryzen™ 7 260 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 5070 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	WUXGA	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS-Level	Bluetooth	✓
Native aspect ratio	16:10	Bluetooth version	5.4
Anti-glare screen	✓	Ports & interfaces	
RGB colour space	sRGB	USB 2.0 ports quantity *	1
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Display response rise/fall	3 ms	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
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor family *	AMD Ryzen™ 7	HDMI version	2.1
Processor generation	AMD Ryzen 200 Series	Combo headphone/mic port	✓
Processor model *	260	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	8	Keyboard	
Processor threads	16	Pointing device	Touchpad
Processor boost frequency	5.1 GHz	Numeric keypad *	✓
Processor frequency *	3.8 GHz		
Processor cache type	L2 & L3		
L3 cache	16 MB		
L2 cache	8 MB		

Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	AMD Ryzen AI	Keyboard backlit	✓
Total processor performance up to	38 TOPs	Keyboard backlit colour	RGB
NPU performance up to	16 TOPs	Keyboard backlit zone	1-zone RGB
Memory		Copilot key	✓
Internal memory *	16 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Microsoft Copilot	✓
Memory form factor	SO-DIMM	Trial software	1-month trial for new Microsoft 365 customers
Memory layout (slots x size)	1 x 16 GB	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Bundled software	Xbox Game Pass Premium_2 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Premium. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
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 Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Security	
Discrete graphics card memory	8 GB	Face recognition	✓
Discrete graphics memory type	GDDR7	Windows Hello	✓
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	BIOS, User
Discrete graphics card *	✓	Sustainability	
On-board graphics card family	AMD Radeon Graphics	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board graphics card model *	AMD Radeon 780M	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)	2.57 cm
Built-in microphone	✓	Weight *	2.2 kg
		Packaging content	
		AC adapter included *	✓



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