

ASUS TUF Gaming A16 FA608UP-QT016W AMD Ryzen™ 7 260 Laptop 40.6 cm (16") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black, Grey



Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0KT1-M00340

Product name : FA608UP-QT016W

- Windows 11 Home 64-bit
 - AMD Ryzen 7 260 (3.8GHz)
 - 40.6 cm (16") WQXGA 2560 x 1600 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR7)
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
 AMD Ryzen 7 260 (3.8GHz), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS-Level, AMD Radeon 780M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, 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 AMD Ryzen™ 9 8940HX 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		Audio	
Colour name	Jaeger Gray	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black, Grey	Camera	
Form factor *	Clamshell	Front camera	✓
Market positioning	Gaming	Front camera HD type	Full HD
Introduction year	2025	Infrared (IR) camera	✓
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WQXGA	Antenna type	2x2
Panel type	IPS-Level	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	10,100,1000 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
RGB colour space	sRGB	Bluetooth version	5.3
Colour gamut	100%	Ports & interfaces	
Display response rise/fall	3 ms	USB 2.0 ports quantity *	1
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	AMD	USB4 Gen 3x2 ports quantity	1
Processor family *	AMD Ryzen™ 7	Ethernet LAN (RJ-45) ports	1
Processor generation	AMD Ryzen 200 Series	HDMI ports quantity *	1
Processor model *	260	HDMI version	2.1
Processor cores	8	Combo headphone/mic port	✓
Processor threads	16	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz		
Processor cache type	L2 & L3		
L3 cache	16 MB		

Processor		Keyboard	
L2 cache	8 MB	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✓
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 *	32 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system architecture	64-bit
Memory clock speed	5600 MHz	Microsoft Copilot	✓
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home
Memory layout (slots x size)	2 x 16 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	64 GB	Number of battery cells	4
Storage		Battery capacity *	90 Wh
Total storage capacity *	1 TB	Fast charging	✓
Storage media *	SSD	Fast charging time (50%)	30 min
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	240 W
SSD capacity	1 TB	AC adapter frequency	50 - 60 Hz
SSD interface	PCI Express 4.0	AC adapter input voltage	100 - 240 V
NVMe	✓	AC adapter output current	12 A
SSD form factor	M.2	AC adapter output voltage	20 V
Optical drive type *	✗	DC-in jack	✓
Card reader integrated	✗	USB Type-C charging port *	✓
Graphics		USB Power Delivery (USB PD)	✓
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Face recognition	✓
Discrete graphics card memory	8 GB	Windows Hello	✓
Discrete graphics memory type	GDDR7	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, User
On-board GPU manufacturer	AMD	Sustainability	
Discrete graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Silver
On-board graphics card family	AMD Radeon	Weight & dimensions	
On-board graphics card model *	AMD Radeon 780M	Width	354 mm
NVIDIA G-SYNC	✓	Depth	269 mm
Audio		Height (front)	1.79 cm
Audio system	Dolby Atmos	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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