



Part No	90NR0J21-M001U0
Sales Model Name	FA608WI-QT012W
EAN Code	4711387642856
UPC Code	197105642850
WEEE	2.945
BASE UNIT	VSNR0J21-BU1100
Marketing Name	ASUS TUF Gaming A16
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Color	Jaeger Gray
Dimension (W x D x H)	35.4 x 26.9 x 1.79 ~ 2.57 cm (13.94" x 10.59" x 0.70" ~ 1.01")
Weight	2.20 Kg (4.85 lbs)
Processor	AMD Ryzen™ AI 9 HX 370 Processor 2.0GHz (36MB Cache, up to 5.1GHz, 12 cores, 24 Threads); AMD XDNA™ NPU up to 50TOPS
Chipset	N/A
Intergrated GPU	AMD Radeon™ Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 4070 Laptop GPU
Graphic Wattage	2225MHz* at 140W (2175MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	8GB GDDR6
Neural Processor	AMD XDNA™ NPU up to 50TOPS
Panel Size	16-inch
Resolution	2.5K (2560 x 1600, WQXGA) 16:10 aspect ratio
Refresh Rate	165Hz
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	400 nits
Contrast Ratio	1000:1
NTSC %	72.00%
SRGB %	100%
Adobe %	75.35%
Glare	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	16GB*2 LPDDR5X 7500 on board

Total System Memory	LPDDR5X 32GB
Memory Slot	N/A
Memory Max.	32GB
How to upgrade memory	Not Available
Storage	1TB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	M.2 PCIe 1TB M.2 PCIe 2TB
Expansion Slot (includes used)	2x PCIe N/A
LAN	10/100/1000 Mbps
Wireless	Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x RJ45 LAN port 1x Type-C USB 4 support DisplayPort™ 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 2x USB 3.2 Gen 2 Type-A
Display output	1x HDMI 2.1 FRL
Camera	1080P FHD IR Camera for Windows Hello
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB With Copilot key *Copilot in Windows (in preview) is rolling out gradually within the latest update to Windows 11 in select global markets. Timing of availability varies by device and market. Learn more: https://www.microsoft.com/en-us/windows/copilot-ai-features?r=1#faq
Aura Sync	Yes
Touchpad	Touchpad N/A
Speakers	2-speaker system
Audio	1x 3.5mm Combo Audio Jack Built-in array microphone
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification (for headphone) Support Microsoft Cortana near field/far field
Security	BIOS Administrator Password and User Password Protection Pluton Security Processor Secured-core PC (Level 3)
Antivirus	McAfee® 30 days free trial
Battery	90WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	Rectangle Conn, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Xbox Game Pass	Xbox Game Pass Ultimate_3 months (*Terms and exclusions apply. Offer only available in eligible markets for Xbox Game Pass Ultimate. Eligible markets are determined at activation. Game catalog varies by region, device, and time.)
Ecolabels & Compliances	ENERGY STAR® EPEAT Silver