



Part No	90NR0N06-M004W0
Sales Model Name	FX607VU-RL033W
EAN Code	4711387807040
UPC Code	197105807044
WEEE	3.038
BASE UNIT	VSNR0N06-BU0200
Marketing Name	ASUS TUF Gaming F16
Operating System	Windows 11 Home
Office	1-month trial for new Microsoft 365 customers. Credit card required.
Color	Mecha Gray
Dimension (W x D x H)	35.4 x 25.1 x 2.21 ~ 2.67 cm (13.94" x 9.88" x 0.87" ~ 1.05")
Weight	2.20 Kg (4.85 lbs)
Processor	13th Gen Intel® Core™ i7-13620H Processor 2.4 GHz (24M Cache, up to 4.9 GHz, 10 cores: 6 P-cores and 4 E-cores)
Chipset	N/A
Intergrated GPU	Intel® Iris X® Graphics
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 4050 Laptop GPU (194 AI TOPs)
Graphic Wattage	2420MHz* at 140W (2370MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost)
Graphic Memory	6GB GDDR6
Panel Size	16-inch
Resolution	FHD+ 16:10 (1920 x 1200, WUXGA)
Refresh Rate	144Hz
Response Time (G2G)	7ms
Viewing Angle	85/85/85/85
Panel Tech	Value IPS-level
Brightness	300nits
Contrast Ratio	1000:1
NTSC %	45%
Glare	Anti-glare display
Adaptive-Sync technology	G-Sync
Pantone	N/A
Support Dolby Vision HDR	N/A
On board memory	N/A
DIMM Memory	16GB DDR5-5600 SO-DIMM, the memory speed of the systems vary by CPU SPEC
Total System Memory	DDR5 16GB
Memory Slot	2x SO-DIMM slots
Memory Max.	64GB

Multi-channel memory technology	Support dual channel memory technology
Storage	512GB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	M.2 2TB G4X4 PCIe SSD M.2 1TB G4X4 PCIe SSD M.2 512GB G4X4 PCIe SSD
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots 2x M.2 PCIe
LAN	10/100/1000 Mbps
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card (*Bluetooth® version may change with OS version different.)
I/O Ports	1x RJ45 LAN port 1x Thunderbolt™ 4 with support for DisplayPort™ (data speed up to 40Gbps) 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps) 2x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps)
Display output	1x HDMI 2.1 FRL
Camera	720P HD camera
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	N/A
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 (Microsoft service suspended in spring of 2023.)
Security	BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)
Antivirus	McAfee® 30 days free trial
Battery	56WHrs, 4S1P, 4-cell Li-ion
Fast charging	Recharge from 0-50% in 30 minutes
Power	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240C AC 50/60Hz universal
Required charging power	Min: 45W Max: 100W *The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.
Xbox Game Pass	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.)
Ecolabels & Compliances	N/A
Reparability Index (for FR)	9.9