



Part No	90NR0IV3-M002A0
Model Name	FA607PI-N3042W
TTV	2023-12-11
End of Production	2024-12-23
EAN Code	4711387468692
UPC Code	197105468696
WEEE	2.793
BASE UNIT	VSNR0IV3-BU1100
Marketing Name	ASUS TUF Gaming A16
Color	Mecha Gray
Dimension (W x D x H)	35.5 x 25.2 x 2.21 ~ 2.82 cm (13.98" x 9.92" x 0.87" ~ 1.11")
Weight	2.27 Kg (5.00 lbs)
Processor	AMD Ryzen™ 9 7845HX Mobile Processor (12-core/24-thread, 64MB L3 cache, up to 5.2 GHz max boost)
Chipset	N/A
Discrete/Optimus	MUX Switch + NVIDIA® Advanced Optimus
Graphic	NVIDIA® GeForce RTX™ 4070 Laptop GPU
Graphic Memory	8GB GDDR6
IGPU	AMD Radeon™ Graphics
Panel Size	16-inch
Resolution	FHD+ 16:10 (1920 x 1200, WUXGA)
Refresh Rate	165Hz
Viewing Angle	85/85/85/85
Panel Tech	IPS-level
Brightness	400
Contrast	1000:1
NTSC %	72.00%
SRGB %	100.00%
Adobe %	75.35%
Anti 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 DDR5-5200 SO-DIMM *2
Total System Memory	DDR5 32GB

Memory Slot	2x SO-DIMM slots
Memory Max.	32GB
System Storage Installed	1TB PCIe® 4.0 NVMe™ M.2 SSD
M.2 slots support either SATA or NVMe	2
M.2 SSD Support List	M.2 512GB PCIe SSD M.2 1TB PCIe SSD M.2 2TB PCIe SSD
Expansion Slot (includes used)	2x DDR5 SO-DIMM slots
LAN	10/100/1000 Mbps
Wi-Fi/Bluetooth	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 USB 3.2 Gen 2 Type-C support DisplayPort™ / G-SYNC 1x USB 3.2 Gen 2 Type-C support DisplayPort™ / power delivery / G-SYNC 2x USB 3.2 Gen 1 Type-A
Display output	1x HDMI 2.1 FRL
Audio	1x 3.5mm Combo Audio Jack
Webcam	720P HD camera
Mic	Built-in array microphone
Keyboard Type	Backlit Chiclet Keyboard 1-Zone RGB
NumberPad	N/A
Aura Sync	N/A
Speakers	2-speaker system
Audio Tech	AI noise-canceling technology Dolby Atmos Hi-Res certification Support Microsoft Cortana near field/Far field
Operating System	Windows 11 Home
Antivirus	McAfee® 30 days free trial
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.)
Security	BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power	ø6.0, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100~240C AC 50/60Hz universal
Ecolabels & Compliances	N/A

