Part No	**90NR0MD1-M003N0**
Sales Model Name	**FA608PP-RV032**
EAN Code	**4711636243827**
UPC Code	**199291243828**
WEEE	**2.777**
BASE UNIT	**VSNR0MD1-BU2100**
Marketing Name	**ASUS TUF Gaming A16**
Operating System	**No preinstalled OS**
Exclusive subscription offers	**3-Month Google AI Pro Subscription** **6-Month Dropbox 500GB Subscription** **1-Year ASUS Secure Auto-Backup 200GB Subscription** ***Available in eligible markets only. Eligibility varies by region, device, and time. Terms and conditions apply. See promotion pages for details.**
Color	**Jaeger Gray**
LCD cover-material	**Texture plastic**
Top case-material	**Aluminum**
Bottom case-material	**Texture plastic**
Dimension (W x D x H)	**35.4 x 26.9 x 1.79 ~ 2.73 cm (13.94" x 10.59" x 0.70" ~ 1.07")**
Weight	**2.20 Kg (4.85 lbs)**
Processor	**AMD Ryzen™ 9 8940HX Processor 2.4GHz (80MB Cache, up to 5.3GHz, 16 cores, 32 Threads)**
Chipset	**N/A**
Intergrated GPU	**AMD Radeon™ Graphics**
Discrete/Optimus	**MUX Switch + NVIDIA® Advanced Optimus**
Graphic	**NVIDIA® GeForce RTX™ 5070 Laptop GPU**
Graphic Wattage	**115W (100W+15W)**
Graphic Memory	**8GB GDDR7**
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 Ratio	**1000:1**
NTSC %	**72.00%**
SRGB %	**100.00%**
Adobe %	**75.35%**
Surface texture of display	**Anti-glare(AG) 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 *2** **The memory speed of the systems vary by CPU SPEC**
Total System Memory	**DDR5 32GB**
Memory Slot	**2x SO-DIMM slots**
Memory Max.	**64GB**
Multi-channel memory technology	**Support dual channel memory technology**
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 512GB PCIe SSD?** **M.2 1TB PCIe SSD?** **M.2 2TB PCIe SSD**
Expansion Slot (includes used)	**2x DDR5 SO-DIMM slots** **2x M.2 PCIe**
LAN	**10/100/1000 Mbps**
Wireless	**Wi-Fi 6E(802.11ax) (Triple band) 2*2 + Bluetooth® 5.4 Wireless Card (*Bluetooth® version may change with OS version different.)**
I/O Ports	**1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps)** **1x RJ45 LAN port** **3x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps)** **1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / G-SYNC (data speed up to 10Gbps)**
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	**Dolby Atmos** **AI noise-canceling technology** **Support Microsoft Cortana near field/far field (Microsoft service suspended in spring of 2023.)** **Hi-Res certification (for headphone)**
Security	**Trusted Platform Module (Firmware TPM)** **BIOS Administrator Password and User Password Protection**
Battery	**90WHrs, 4S1P, 4-cell Li-ion**
Fast charging	**Recharge from 0-50% in 30 minutes**
Charger included	**Included**
Power	**Rectangle Conn, 280W AC Adapter, Output: 20V DC, 14A, 280W, Input: 100-240V 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.**

Ecolabels & Compliances	**N/A**
Reparability Index (for France)	**9.9**
Reparability Index (for BNL)	**9.2**