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| Part No | 90NR0KS1-M00360 |
| Sales Model Name | FA608UH-RV017W |
| EAN Code | 4711636474511 |
| UPC Code | 199291474512 |
| WEEE | 2.777 |
| BASE UNIT | VSNR0KS1-BU2200 |
| 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 |
| Top case-material | Aluminum |
| LCD cover-material | Texture plastic |
| Bottom case-material | Texture plastic |
| 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™ 7 260 Processor 3.8GHz (24MB Cache, up to 5.1 GHz, 8 cores, 16 Threads); AMD XDNA™ NPU up to 16TOPS |
| Chipset | N/A |
| Intergrated GPU | AMD Radeon™ 780M Graphics |
| Discrete/Optimus | MUX Switch + NVIDIA® Advanced Optimus |
| Graphic | NVIDIA® GeForce RTX™ 5050 Laptop GPU |
| Graphic Wattage | 2142 MHz* at 55W (2092 MHz Boost Clock+50MHz OC, up to 115W Dynamic Boost) |
| Graphic Memory | 8GB GDDR7 |
| Neural Processor | AMD XDNA™ NPU up to 16TOPS |
| Panel Size | 16-inch |
| Resolution | FHD+ 16:10 (1920 x 1200, WUXGA) |
| Refresh Rate | 165Hz |
| Response Time (G2G) | 3ms |
| Viewing Angle | 85/85/85/85 |
| Panel Tech | IPS-level |
| Brightness | 300 nits |
| Contrast Ratio | 1000:1 |
| NTSC % | 72.00% |
| SRGB % | 100% |
| Adobe % | 75.35% |
| Surface texture of display | Anti-glare(AG) display |
| Adaptive-Sync technology | G-Sync |

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| Pantone | N/A |
| Support Dolby Vision HDR | N/A |
| On board memory | N/A |
| DIMM Memory | 16GB DDR5-5600 SO-DIMM |
| Total System Memory | The memory speed of the systems vary by CPU SPEC DDR5 16GB |
| Memory Slot | 2x SO-DIMM slots |
| Memory Max. | 64GB |
| How to upgrade memory | Upgradable |
| 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 PCIe 512mb M.2 PCIe 1TB M.2 PCIe 2TB |
| 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 | 2x USB 3.2 Gen 2 Type-A (data speed up to 10Gbps) 1x RJ45 LAN port 1x USB 2.0 Type-A (data speed up to 480Mbps) 1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ / power delivery / G-SYNC (data speed up to 10Gbps) 1x Type-C USB 4 with support for DisplayPort™ (data speed up to 40Gbps) |
| 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 | Hi-Res certification (for headphone) Dolby Atmos Support Microsoft Cortana near field/far field (Microsoft service suspended in spring of 2023.) AI noise-canceling technology |
| Security | Pluton Security Processor BIOS Administrator Password and User Password Protection 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 |
| Charger included | Included |
| Power | Rectangle Conn, 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 France) | 9.6 |
| Reparability Index (for BNL) | 9.8 |