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| Part No | 90NR0CJ7-M00JN0 |
| Model Name | FX507VU-LP256 |
| TTV | 2023-11-29 |
| End of Production | 2024-12-31 |
| EAN Code | |
| UPC Code | |
| WEEE | |
| BASE UNIT | VSNR0CJ7-BU1100 |
| Marketing Name | ASUS TUF Gaming F15 |
| Color | Mecha Gray |
| Dimension (W x D x H) | 35.4 x 25.1 x 2.24 ~ 2.49 cm (13.94" x 9.88" x 0.88" ~ 0.98") |
| 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 |
| Discrete/Optimus | MUX Switch + NVIDIA® Advanced Optimus |
| Graphic | NVIDIA® GeForce RTX™ 4050 Laptop GPU |
| Graphic Wattage | 2420MHz* at 140W (2370MHz Boost Clock+50MHz OC, 115W+25W Dynamic Boost) |
| Graphic Memory | 6GB GDDR6 |
| IGPU | Intel® Iris X® Graphics |
| Panel Size | 15.6-inch |
| Resolution | FHD (1920 x 1080) 16:9 |
| Refresh Rate | 144Hz |
| Viewing Angle | 85/85/85/85 |
| Panel Tech | Value IPS-level |
| Brightness | 250 |
| Contrast | 1000:1 |
| NTSC % | 72% |
| SRGB % | 100% |
| 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 DDR5-4800 SO-DIMM |
| Total System Memory | DDR5 16GB |
| Memory Slot | 2x SO-DIMM slots |
| Memory Max. | 32GB |
| Multi-channel memory technology | Support dual channel memory |
| 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 2TB G4X4 PCIe SSD M.2 1TB G4X4 PCIe SSD M.2 512GB G4X4 PCIe SSD |
| Expansion Slot (includes used) | 2x PCIe |
| LAN | 10/100/1000 Mbps |
| On board Wireless | Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.1 Wireless Card (*Bluetooth® version may change with OS version different.) |
| Wi-Fi/Bluetooth | Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card (*Bluetooth® version may change with OS version different.) |
| I/O Ports | 1x RJ45 LAN port 1x Thunderbolt™ 4 support DisplayPort™ 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 | Yes |
| Speakers | 2-speaker system |
| Audio Tech | AI noise-canceling technology Dolby Atmos Hi-Res certification Support Microsoft Cortana near field/Far field |
| Operating System | No preinstalled OS |
| Security | BIOS Administrator Password and User Password Protection Kensington Security Slot™ Trusted Platform Module (Firmware TPM) |
| Battery | 90WHrs, 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 |
| Bundled Peripherals | TUF backpack |
| Additional Accessories | P309 TUF GAMING M3 |
| Ecolabels & Compliances | ENERGY STAR® |
| Reparability Index (for FR) | 8.4 |