

| Model                      | FA506NCG / 90NR0JF7-M00MK0   |
|----------------------------|--|
| Marketing Name             | ASUS TUF Gaming A15  |
| Operating System           | Windows 11 Home  |
| Office                     | 1-month trial for new Microsoft 365 customers. Credit card required.                 |
| Color                      | Graphite Black   |
| Dimension (W x D x H)      | 35.9 x 25.6 x 2.28 ~ 2.45 cm (14.13" x 10.08" x 0.90" ~ 0.96")                       |
| Weight                     | 2.30 Kg (5.07 lbs)   |
| Processor                  | AMD Ryzen™ 7 7445HS Processor 3.2GHz (22MB Cache, up to 4.7GHz, 6 cores, 12 Threads) |
| Chipset                    | TBD  |
| Integrated GPU             | AMD Radeon™ Graphics   |
| Discrete/Optimus           | Optimus  |
| Graphic                    | NVIDIA® GeForce RTX™ 3050 Laptop GPU   |
| Graphic Wattage            | Up to 1675MHz at 60W (75W with Dynamic Boost)  |
| Graphic Memory             | 4GB GDDR6  |
| 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                 | 250nits  |
| Contrast Ratio             | 1000:1   |
| NTSC %                     | 45%  |
| SRGB %                     | 62.5%  |
| Adobe %                    | 47.34%   |
| DCI-P3 %                   | N/A  |
| Surface texture of display | Anti-glare(AG) display   |
| Adaptive-Sync technology   | Adaptive-Sync  |

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| <b>Pantone</b>                               | N/A   |
| <b>Support Dolby Vision HDR</b>              | N/A   |
| <b>On board memory</b>                       | N/A   |
| <b>DIMM Memory</b>                           | 16GB DDR5-5600 SO-DIMM<br>The memory speed of the systems vary by CPU SPEC  |
| <b>Total System Memory</b>                   | DDR5 16GB   |
| <b>Memory Slot</b>                           | 2x SO-DIMM slots  |
| <b>Memory Max.</b>                           | 64GB  |
| <b>How to upgrade memory</b>                 | Upgradable  |
| <b>Storage</b>                               | 512GB PCIe® 4.0 NVMe™ M.2 SSD   |
| <b>M.2 slots support either SATA or NVMe</b> | 2   |
| <b>M.2 SSD Support List</b>                  | M.2 512GB G4x4 PCIe SSD<br>M.2 1TB G4x4 PCIe SSD  |
| <b>Expansion Slot (includes used)</b>        | 2x DDR5 SO-DIMM slots<br>2x M.2 PCIe  |
| <b>LAN</b>                                   | 10/100/1000 Mbps  |
| <b>Wireless</b>                              | Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card<br>(*Bluetooth® version may change with OS version different.)                         |
| <b>I/O Ports</b>                             | 1x RJ45 LAN port<br>1x USB 3.2 Gen 2 Type-C with support for DisplayPort™ (data speed up to 10Gbps)<br>3x USB 3.2 Gen 1 Type-A (data speed up to 5Gbps) |
| <b>Display output</b>                        | 1x HDMI 2.1 TMDS  |
| <b>Camera</b>                                | 720P HD camera  |
| <b>Mic</b>                                   | Built-in array microphone   |
| <b>Keyboard Type</b>                         | Backlit Chiclet Keyboard 1-Zone RGB   |
| <b>Aura Sync</b>                             | N/A   |
| <b>Touchpad</b>                              | Touchpad<br>N/A   |
| <b>Speakers</b>                              | 2-speaker system  |
| <b>Audio</b>                                 | 1x 3.5mm Combo Audio Jack<br>Built-in array microphone  |
| <b>Audio Tech</b>                            | Hi-Res certification (for headphone)<br>AI noise-canceling technology<br>DTS Audio Processing   |

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| <b>Security</b>                        | Trusted Platform Module (Firmware TPM)<br>BIOS Administrator Password and User Password Protection<br>Kensington Security Slot™   |
| <b>Antivirus</b>                       | McAfee® 30 days free trial  |
| <b>Battery</b>                         | 48WHrs, 3S1P, 3-cell Li-ion   |
| <b>Charger included</b>                | Included  |
| <b>Power</b>                           | ø6.0, 180W AC Adapter, Output: 20V DC, 9A, 180W, Input: 100~240V AC, 50/60Hz universal  |
| <b>Required charging power</b>         | Does not support USB-C PD charging  |
| <b>Xbox Game Pass</b>                  | 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.) |
| <b>Ecolabels &amp; Compliances</b>     | N/A   |
| <b>Reparability Index (for France)</b> | 8.6   |
| <b>Reparability Index (for BNL)</b>    | 8.5   |