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| Part No | 90NR0723-M01910 |
| Model Name | FX506HC-HN007T |
| EAN Code | 4711081196556 |
| UPC Code | 195553196550 |
| Marketing Name | ASUS TUF Gaming F15 |
| Color | Eclipse Gray |
| Dimension (W x D x H) | 35.9 x 25.6 x 2.28 ~ 2.43 cm |
| Weight | 2.30 Kg |
| Processor | Intel® Core™ i7-11800H Processor 2.3 GHz (24M Cache, up to 4.6 GHz, 8 Cores) |
| Chipset | Mobile Intel® HM570 Express Chipsets |
| Discrete/Optimus | Optimus |
| Graphic | NVIDIA® GeForce RTX™ 3050 Laptop GPU |
| Graphic Wattage | Up to 1600MHz at 60W (75W with Dynamic Boost) |
| Graphic Memory | 4GB GDDR6 |
| IGPU | Intel® UHD 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 % | 45% |
| SRGB % | 62.5% |
| Adobe % | 47.34% |
| DCI-P3 % | N/A |
| Anti glare | anti-glare display |
| Adaptive-Sync technology | Adaptive-Sync |
| Pantone Validated | N/A |
| Total System Memory | 8GB DDR4-3200 SO-DIMM *2 |
| On board memory | N/A |
| Memory Slot | 2x SO-DIMM slots |
| DIMM Memory | 8GB DDR4-3200 SO-DIMM *2 |
| Memory Max. | 32GB |
| System Storage Installed | 512GB M.2 NVMe™ PCIe® 3.0 SSD |
| M.2 slots support either SATA or NVMe | 2 |

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| M.2 SSD Support List | M.2 512GB G3x4 PCIe SSD |
| | M.2 1TB G3x4 PCIe SSD |
| How to upgrade memory | Upgradable |
| Expansion Slot (includes used) | 2x DDR4 SO-DIMM slots |
| | 2x PCIe |
| LAN | 10/100/1000 Mbps |
| Wi-Fi/Bluetooth | Wi-Fi 6(802.11ax)+Bluetooth 5.2 (Dual band) 2*2 (*BT version may change with OS upgrades.) |
| I/O Ports | 1x RJ45 LAN port |
| | 3x USB 3.2 Gen 1 Type-A//1x Thunderbolt™ 4 support DisplayPort™//1x 3.5mm Combo Audio Jack |
| Display output | 1x HDMI 2.0b |
| Webcam | 720P HD camera |
| Mic | Built-in array microphone |
| Keyboard Type | Backlit Chiclet Keyboard RGB |
| NumberPad | N/A |
| Aura Sync | N/A |
| Speakers | 2x 2W speaker |
| Audio Tech | DTS software |
| Operating System | Windows 10 Home - ASUS recommends Windows 10 Pro for business |
| Office | 1-month trial for new Microsoft 365 customers. Credit card required. |
| Security | BIOS Administrator Password and User Password Protection |
| | Kensington Lock |
| Battery | 48WHrs, 3S1P, 3-cell Li-ion |
| Power | ø6.0, 180W AC Adapter, Output: 20V DC, 9A, 180W, Input: 100~240V AC, 50/60Hz universal |
| Bundled Peripherals | N/A |
| Reparability Index (for FR) | 6.3 |

