**ASUS**

# ASUS TUF Gaming A17 FA707XI-HX021W AMD Ryzen™ 9 7940HS Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** 90NR0FL5-M001N0

**Product name :** FA707XI-HX021W

AMD Ryzen 9 7940HS (24MB Cache, 4GHz), 16GB DDR5-SDRAM, 512GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit

ASUS TUF Gaming A17 FA707XI-HX021W AMD Ryzen™ 9 7940HS Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6 (802.11ax) Windows 11 Home Black, Grey:

**MECHANISED ENDURANCE. BATTLEFIELD BRILLIANCE.**
Geared for serious gaming and real-world durability, the TUF Gaming A17 is a fully-loaded Windows 11 Home gaming laptop that can carry you to victory. Powered by the latest AMD Ryzen™ 9 7940HS Mobile Processor and NVIDIA® GeForce RTX™ 4070 Laptop GPU, action-packed gameplay is fast, fluid, and fully saturates speedy IPS-level displays up to 144Hz. Even while boasting a smaller and more portable chassis than its predecessors, this gaming laptop also features a larger 90Wh battery for superior battery life. Efficient self-cleaning cooling combines with TUF's signature military-grade durability to make this battle-tested road warrior a reliable ally for gamers on the go.

| Design | | Network | |
|---|---|---|---|
| Colour name | Mecha Gray | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Product type * | Laptop | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Product colour * | Black, Grey | Mobile network connection * | ✖ |
| Form factor * | Clamshell | Antenna type | 2x2 |
| Market positioning | Gaming | Ethernet LAN | ✔ |
| Introduction year | 2023 | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Country of origin | China | Bluetooth | ✔ |
| **Display** | | Bluetooth version | 5.3 |
| Display diagonal * | 43.9 cm (17.3") | **Ports & interfaces** | |
| Display resolution * | 1920 x 1080 pixels | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Touchscreen * | ✖ | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| HD type | Full HD | USB4 Gen 2x2 ports quantity | 1 |
| Panel type | IPS | Ethernet LAN (RJ-45) ports | 1 |
| Native aspect ratio | 16:9 | HDMI ports quantity * | 1 |
| Anti-glare screen | ✔ | HDMI version | 2.1 |
| Display brightness | 250 cd/m² | Combo headphone/mic port | ✔ |
| RGB colour space | NTSC | Power adapter barrel connector | 6.0 mm |
| Colour gamut | 45% | USB Type-C DisplayPort Alternate Mode | ✔ |
| Maximum refresh rate | 144 Hz | USB Power Delivery | ✔ |
| Contrast ratio (typical) | 960:1 | | |
| **Processor** | | **Performance** | |
| Processor manufacturer * | AMD | Repairability index | 8.6 |
| Processor family * | AMD Ryzen™ 9 | **Keyboard** | |
| Processor model * | 7940HS | Pointing device | Touchpad |
| Processor cores | 8 | Numeric keypad * | ✔ |
| Processor boost frequency | 5.2 GHz | Keyboard backlit | ✔ |
| Processor frequency * | 4 GHz | | |
| Processor cache | 24 MB | | |

## Processor

| | |
|---|---|
| Processor cache type | L2 & L3 |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | DDR5-SDRAM |
| Memory clock speed | 4800 MHz |
| Memory form factor | SO-DIMM |
| Memory layout (slots x size) | 2 x 8 GB |
| Memory slots | 2x SO-DIMM |
| Maximum internal memory * | 32 GB |
| Memory channels | Dual-channel |

## Storage

| | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| SSD interface | PCI Express 4.0 |
| NVMe | ✓ |
| SSD form factor | M.2 |
| Optical drive type * | ✖ |

## Graphics

| | |
|---|---|
| Discrete GPU manufacturer | NVIDIA |
| Discrete graphics card model * | NVIDIA GeForce RTX 4070 |
| Discrete graphics card memory | 8 GB |
| Discrete graphics memory type | GDDR6 |
| On-board graphics card * | ✓ |
| On-board GPU manufacturer | AMD |
| Discrete graphics card * | ✓ |
| On-board graphics card model * | AMD Radeon 780M |
| NVIDIA G-SYNC | ✓ |

## Audio

| | |
|---|---|
| Audio system | Dolby Atmos |
| Number of built-in speakers | 2 |
| Built-in microphone | ✓ |

## Camera

| | |
|---|---|
| Front camera | ✓ |
| Front camera HD type | HD |

## Keyboard

| | |
|---|---|
| Keyboard backlit colour | RGB |
| Keyboard backlit zone | 1-zone RGB |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |
| Trial software | Xbox Game Pass Ultimate 3 months |
| Operating system installed * | Windows 11 Home |

## Battery

| | |
|---|---|
| Battery technology | Lithium-Ion (Li-Ion) |
| Number of battery cells | 4 |
| Battery capacity * | 90 Wh |

## Power

| | |
|---|---|
| AC adapter power | 240 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| AC adapter output current | 12 A |
| AC adapter output voltage | 20 V |

## Security

| | |
|---|---|
| Cable lock slot | ✓ |
| Cable lock slot type | Kensington |
| Trusted Platform Module (TPM) | ✓ |
| Password protection | ✓ |
| Password protection type | BIOS, User |

## Sustainability

| | |
|---|---|
| Sustainability certificates | EPEAT Bronze, ENERGY STAR |

## Weight & dimensions

| | |
|---|---|
| Width | 395 mm |
| Depth | 264 mm |
| Height (front) | 2.29 cm |
| Height (rear) | 2.54 cm |
| Weight * | 2.6 kg |

## Packaging data

| | |
|---|---|
| Package width | 103 mm |
| Package depth | 486 mm |
| Package height | 326 mm |
| Package weight | 4.33 kg |

## Logistics data

| | |
|---|---|
| Commodity Classification Automated Tracking System (CCATS) | 8471300000 |

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