Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

ASUS FX706HCB-ES51

ASUS TUF F17 Gaming Laptop User Manual (Model: FX706HCB-ES51)

Your comprehensive guide to setup, operation, and maintenance.

Setup | Operating Instructions | Maintenance | Troubleshooting | Specifications | Warranty & Support

Introduction

This manual provides essential information for the setup, operation, and maintenance of your ASUS TUF F17 Gaming Laptop (Model: FX706HCB-ES51). Please read this manual thoroughly before using your device to ensure optimal performance and longevity.

The ASUS TUF Gaming F17 is a powerful Windows 11 gaming laptop designed for performance and durability. It features NVIDIA GeForce graphics, an 11th Generation Intel Core processor, and solid-state storage for efficient multitasking and gaming. The laptop also incorporates a patented Anti-Dust Cooling (ADC) system for extended lifespan and a backlit gaming keyboard with high keystroke durability.

1. Setup

1.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed below are present and undamaged.

What's in the Box:

- ASUS TUF F17 Gaming Laptop (Model: FX706HCB-ES51)
- Power cord & Adapter
- Marketing Giveaway (TUF Sticker)
- Warranty Card

1.2 Connecting the Power Adapter

Connect the power adapter to the laptop's power input port and then plug it into a wall outlet. Ensure the power indicator light on the laptop illuminates, indicating it is receiving power.

1.3 First Boot and Windows 11 Setup

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the initial Windows 11 Home setup. This includes selecting your region, language, connecting to Wi-Fi, and creating a user account.



Figure 1: ASUS TUF F17 Gaming Laptop with its display and RGB backlit keyboard.

2. Operating Instructions

2.1 Keyboard and Touchpad

The laptop features an RGB backlit keyboard rated for 20-million keystroke durability. Utilize the touchpad for navigation or connect an external mouse for enhanced control, especially during gaming.



Figure 2: Close-up of the RGB backlit keyboard and touchpad.

2.2 Display Settings

Your laptop is equipped with a 17.3-inch 144Hz Full HD (1920x1080) IPS-Type display. You can adjust display settings, including refresh rate and resolution, through Windows 11 display options for optimal viewing and gaming experience.

2.3 Audio and Connectivity

The laptop includes Wi-Fi 6 (802.11ax) and Bluetooth 5.2 for wireless connectivity. It also features multiple USB 3.0 ports and an audio-out port for peripherals and external audio devices.



Figure 3: Left side ports including power, Ethernet, HDMI, USB, and Thunderbolt 4.

2.4 Gaming Performance Modes

The ASUS TUF F17 features various performance modes (Silent, Performance, Turbo) to optimize CPU/GPU usage and fan noise based on your activity. These can typically be adjusted via ASUS Armoury Crate software or dedicated function keys.

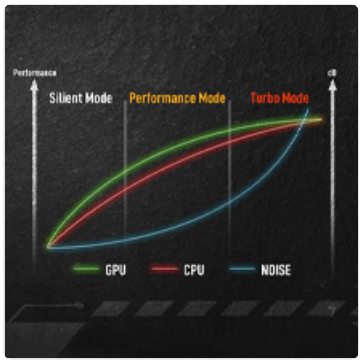


Figure 4: Performance mode comparison for CPU, GPU, and noise.

2.5 Windows 11 AI Features

Your ASUS TUF F17 comes with Windows 11 Home, offering integrated AI features to enhance productivity and creativity. Explore tools like Copilot, AI in Paint, and AI in Photos for an optimized user experience.

Your browser does not support the video tag.

Video 1: Introducing Copilot in Windows 11, your everyday AI companion for enhanced creativity and productivity.

Your browser does not support the video tag.

Video 2: Experience AI in Paint, allowing for drawing and digital creation with background removal.

Your browser does not support the video tag.

Video 3: Enhance your photos easily with AI in Photos, including background blur to make subjects stand out.

3. Maintenance

3.1 Cleaning and Care

Regularly clean the laptop's screen with a microfiber cloth and a specialized screen cleaner. Use compressed air to clear dust from vents and keyboard. Avoid using harsh chemicals or abrasive materials.

3.2 Anti-Dust Cooling System

The laptop features a patented Anti-Dust Cooling (ADC) system with self-cleaning dual fans designed to extend system longevity by expelling dust particles. Ensure vents are not obstructed during use.

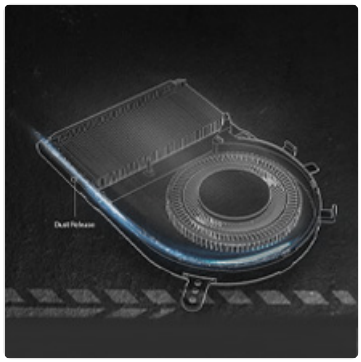


Figure 5: Illustration of the laptop's dust release mechanism.

3.3 Storage and RAM Upgrades

The ASUS TUF F17 is designed for easy upgrades. You can add or replace memory (RAM) and storage (SSD) by accessing the bottom panel. Refer to the detailed upgrade guide on the ASUS support website for specific instructions.



Figure 6: Easy upgrade design for RAM and SSD.

4. Troubleshooting

4.1 Common Issues and Solutions

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a working power outlet. Check the power indicator light.

- **Display Issues:** If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display. Update graphics drivers.
- **Performance Lag:** Close unnecessary background applications. Adjust performance settings to "Performance Mode" or "Turbo Mode" via ASUS Armoury Crate. Ensure the cooling system is clean and unobstructed.
- **Keyboard Backlight:** Use the dedicated function keys (Fn + Fx keys) to adjust or toggle the RGB keyboard backlight.

4.2 System Diagnostics

For more advanced troubleshooting, refer to the ASUS support website for diagnostic tools and detailed guides. You can also access the BIOS/UEFI settings during startup (usually by pressing F2 or Del) to check hardware status.

5. Specifications

Feature	Detail
Brand	ASUS
Model Name	ASUS TUF Gaming F1
Item Model Number	FX706HCB-ES51
Screen Size	17.3 Inches
Screen Resolution	1920 x 1080 pixels (Full HD)
Refresh Rate	144Hz
Processor	Intel Core i5-11400H (6 Cores, up to 4.5 GHz)
RAM	8GB DDR4 3200MHz
Hard Drive	512GB PCIe NVMe M.2 SSD
Graphics Coprocessor	NVIDIA GeForce RTX 3050 (4GB GDDR6)
Operating System	Windows 11 Home
Wireless Type	Wi-Fi 6 (802.11ax), Bluetooth 5.2
Ports	3x USB 3.0, 1x Audio-out, Thunderbolt 4 (as per user review)
Item Weight	5.73 pounds
Product Dimensions	15.71 x 10.59 x 0.92 inches
Color	Graphite Black

6. Warranty & Support

Your ASUS TUF F17 Gaming Laptop comes with a warranty. Please refer to the included "Warranty Card" for detailed terms and conditions, including coverage period and service procedures.
For technical support, driver downloads, and additional resources, please visit the official ASUS support website. You can also find information regarding product registration and extended warranty options there.

Online Resources:

- ASUS Official Support: www.asus.com/support/
- ASUS Store: ASUS Store on Amazon

© 2023 ASUS. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B09SVQY3PF

More documents and user manuals: **https://manuals.plus/**