

Manuals.plus /

- › ASUS /
- › ASUS TUF A18 Gaming Laptop User Manual

ASUS TUF A18-11

ASUS TUF A18 Gaming Laptop User Manual

Model: ASUS TUF A18-11

PRODUCT OVERVIEW

The ASUS TUF Gaming A18 is engineered for high performance and durability. This gaming laptop features a robust design, an expansive 18-inch WQXGA (2560x1600) display with a 240Hz refresh rate, and advanced thermal management. It integrates Dolby Atmos and Hi-Res Audio for an immersive sound experience.



Image: The ASUS TUF A18 Gaming Laptop, showcasing its sleek design and large display.

Key Features:

- **Powerful Performance:** Equipped with an AMD Ryzen 7 processor and NVIDIA GeForce RTX 5070 Laptop GPU for demanding games and applications.
- **Immersive Display:** 18-inch WQXGA (2560x1600) 240Hz display with a 16:10 aspect ratio for detailed and smooth visuals.
- **Advanced Cooling:** Features 2nd Gen Arc Flow Fans, a full-width heatsink, and integrated dust filters for optimal thermal efficiency.
- **Superior Audio:** Dolby Atmos and Hi-Res Audio with Two-way AI Noise Cancellation for clear sound and communication.
- **Versatile Connectivity:** Includes HDMI 2.1, USB-C 4.0, USB-C 3.2, USB-A 3.2, USB-A 2.0, Wi-Fi 6E, and Bluetooth 5.3.

1. SETUP GUIDE

1.1 Unpacking and Initial Inspection

Carefully remove the laptop and all accessories from the packaging. Inspect for any signs of damage. It is recommended to retain the original packaging for future transport or service needs.

1.2 Connecting the Power Adapter

Connect the power adapter to the ASUS Slim Power Jack on the laptop's side and then plug it into a functional power outlet. The laptop can be used while charging.



Image: Side view of the ASUS TUF A18 laptop, highlighting the power jack and various connectivity ports for easy identification.

1.3 First Power On

Press the power button, typically located on the keyboard deck, to turn on the laptop. Follow the on-screen instructions to complete the initial Windows 11 Pro setup process, including language selection, network connection, and user account creation.

1.4 Connecting Peripherals

Connect external devices such as mice, keyboards, external displays, and storage devices to the available USB and HDMI ports as needed. Ensure devices are compatible with the laptop's specifications.

2. OPERATING YOUR LAPTOP

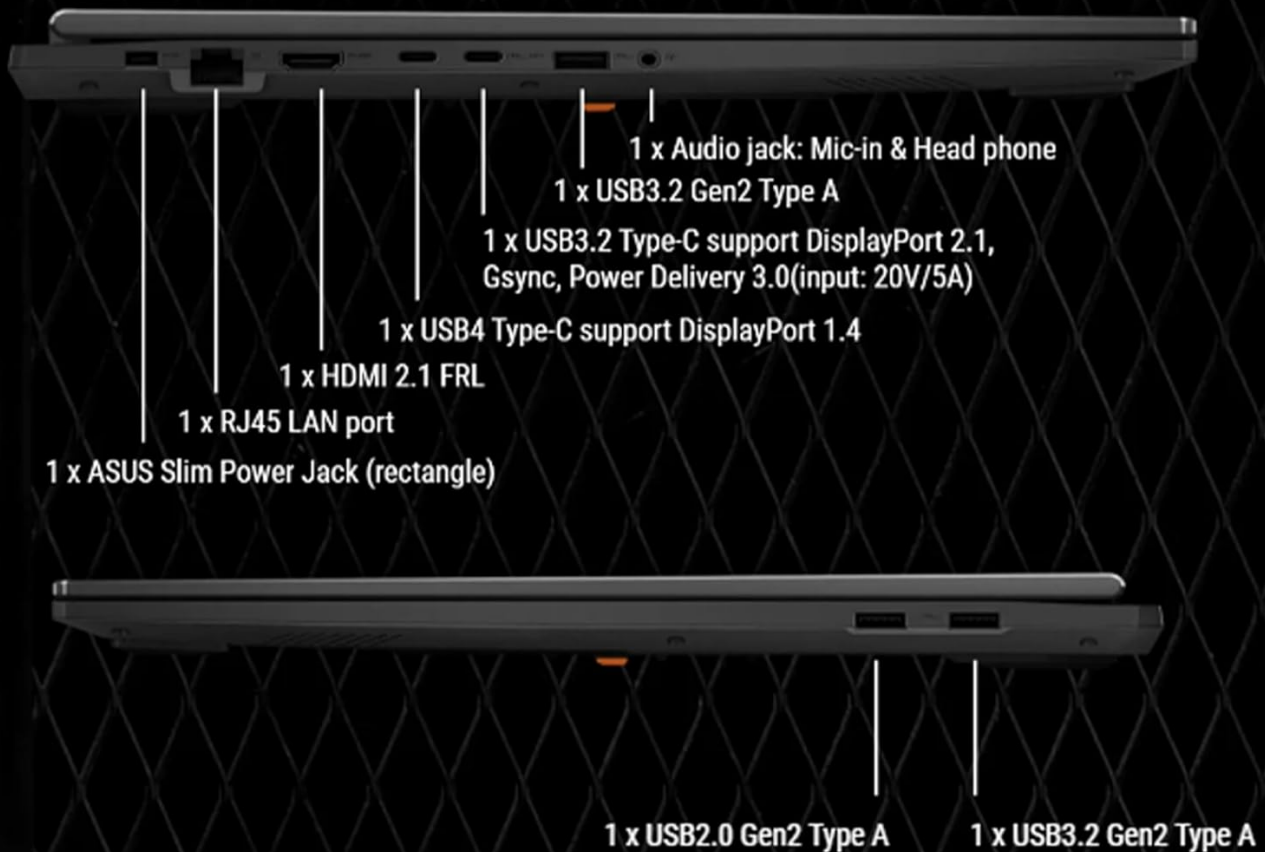
2.1 Keyboard and Touchpad

The laptop features an RGB Backlit Chiclet Keyboard for comfortable typing and gaming, even in low-light conditions. The responsive touchpad supports multi-touch gestures for intuitive navigation. Keyboard backlight settings can be adjusted through the system's utility software or dedicated function keys.

2.2 Display Settings

The 18-inch WQXGA (2560x1600) 240Hz display provides a high-resolution and exceptionally smooth visual experience. You can adjust display settings, including resolution, refresh rate, and color profiles, through Windows display settings or NVIDIA Control Panel for optimal gaming and productivity.

SAFE PORT IN A STORM



Note: Images are for representation and informational purposes only.

Image: The ASUS TUF A18 laptop open, displaying its expansive 18-inch screen and full-sized keyboard with numpad.

2.3 Audio System

Experience high-fidelity sound with Dolby Atmos and Hi-Res Audio. The integrated Two-way AI Noise Cancellation technology ensures clear communication by filtering out background noise during calls or gaming sessions, enhancing focus and immersion.



ALL-NEW DESIGN

The very first 18-inch laptop in the TUF Gaming family, the A18 is packed with killer features that take full advantage of that extra space. Featuring a 16:10 aspect ratio 2.5K resolution display, a full keyboard with a built-in numpad, an extra-large trackpad, and a 90Wh battery, the TUF Gaming A18 is the perfect mobile battlestation, all in one package.

Note: Images are for representation and informational purposes only.

Image: Visual representation of the ASUS TUF A18's advanced audio capabilities, including Dolby Atmos, Hi-Res Audio, and Two-way AI Noise Cancellation.

2.4 Connectivity Ports

The laptop offers a variety of ports for versatile connectivity:

- 1 x HDMI 2.1
- 1 x USB-C 4.0 (with DisplayPort 2.1, Gsync, Power Delivery 3.0)
- 1 x USB-C 3.2 Gen2 (with DisplayPort 1.4)
- 2 x USB-A 3.2 Gen1
- 1 x USB-A 2.0
- 1 x RJ45 LAN port
- 1 x Audio jack (Mic-in & Headphone combo)

For wireless connectivity, the laptop supports high-speed Wi-Fi 6E and Bluetooth 5.3 for connecting wireless peripherals.

3. MAINTENANCE AND CARE

3.1 Cleaning Your Laptop

To maintain optimal performance and appearance, regularly clean your laptop. Use a soft, lint-free cloth for the screen and exterior surfaces. For stubborn smudges, dampen the cloth slightly with water or a screen-safe cleaner. Avoid using harsh chemicals, abrasive materials, or excessive moisture.

3.2 Thermal Management

The ASUS TUF A18 features advanced cooling with 2nd Gen Arc Flow Fans, a full-width heatsink, and integrated dust filters. To ensure efficient cooling, regularly check that the ventilation openings are clear and unobstructed. Avoid placing the laptop on soft surfaces like beds or carpets that can block airflow. Periodically clean dust from the vents using compressed air.

3.3 Battery Care

To prolong the lifespan of your laptop's battery, avoid fully discharging it frequently. For optimal battery health, try to keep the charge level between 20% and 80%. If storing the laptop for an extended period, charge the battery to approximately 50-60% and store it in a cool, dry environment. Calibrate the battery periodically by allowing it to fully discharge and then fully recharge.

4. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter during the use of your ASUS TUF A18 Gaming Laptop. For more complex problems or issues not covered here, refer to the official ASUS support website or contact customer service.

4.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected to both the laptop and a functional power outlet. Verify that the power outlet is active. Check if the battery has sufficient charge.
- **Battery not charging:** Confirm the power adapter connection. Try a different power outlet. Inspect the power adapter and cable for any visible damage.

4.2 Display Problems

- **No display or black screen:** Ensure the laptop is powered on. Connect an external monitor to the HDMI or USB-C port to determine if the issue is with the laptop's internal display or the graphics system.
- **Flickering or distorted display:** Update your graphics drivers to the latest version from the ASUS support website. Adjust display refresh rate and resolution in Windows settings.

4.3 Audio Problems

- **No sound:** Check the volume levels in Windows and ensure speakers are not muted. Verify that audio drivers are correctly installed and up to date. Test with headphones.
- **Poor sound quality:** Ensure no objects are blocking the laptop's speakers. Adjust audio settings within the Dolby Atmos software or Windows sound settings.

4.4 Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled in Windows settings. Restart your wireless router and the laptop. Check network settings and ensure correct Wi-Fi password entry.
- **USB devices not recognized:** Try connecting the device to a different USB port. Update USB drivers through Device Manager. Ensure the device itself is functional.

5. TECHNICAL SPECIFICATIONS

Below are the detailed technical specifications for the ASUS TUF A18 Gaming Laptop (Model: ASUS TUF A18-11).

Feature	Specification
Brand	ASUS
Model Name	ASUS TUF A18-11
Screen Size	18 Inches
Resolution	2560x1600 Pixels (WQXGA)
Refresh Rate	240 Hz
CPU Model	AMD Ryzen 7 (2nd Generation, Model 260)
Processor Speed	5.1 GHz
RAM Memory Installed Size	64 GB DDR5 RAM
Hard Disk Size	4 TB PCIe SSD
Graphics Coprocessor	Nvidia GeForce RTX 5070 (Dedicated)
Operating System	Windows 11 Pro
Connectivity Technology	Bluetooth 5.3, HDMI 2.1, USB (5 ports), Wi-Fi 6E (802.11ax)
Keyboard Description	Chiclet Backlit Keyboard (RGB)
Human-Interface Input	Touch Pad
Item Weight	5.73 Pounds
Dimensions (L x W x Th)	15.71"L x 11.14"W x 0.74"Th
Color	Jaeger Gray

6. WARRANTY AND SUPPORT

6.1 Manufacturer's Warranty

This ASUS TUF A18 Gaming Laptop is covered by a manufacturer's warranty. For specific terms, conditions, and duration of your warranty, please refer to the documentation included with your product or visit the official ASUS support website. Keep your proof of purchase for warranty claims.

6.2 Technical Support

For technical assistance, driver downloads, software updates, or service requests, please visit the official ASUS support website. You can find comprehensive FAQs, troubleshooting guides, and contact information for customer service.

ASUS Official Support Website: www.asus.com/support/