

## Asustor AS6702T

# Asustor Lockerstor 2 Gen 2 AS6702T User Manual

Model: AS6702T

## 1. INTRODUCTION

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The Asustor Lockerstor 2 Gen 2 AS6702T is a high-performance 2-bay Network Attached Storage (NAS) device designed for home and small office environments. It features an Intel Celeron N5105 Quad-Core processor, dual 2.5 Gigabit Ethernet ports, and four M.2 PCIe 3.0 SSD slots, providing robust data storage, backup, and multimedia capabilities. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your AS6702T NAS.



Figure 1.1: Asustor Lockerstor 2 Gen 2 AS6702T NAS device.



Figure 1.2: AS6702T in a typical environment.

## 2. SETUP

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### 2.1 Package Contents

Before proceeding with the setup, ensure all components are present in the package:

- AS6702T Unit
- Quick Installation Guide
- AC Power Cord
- AC Power Adapter
- RJ-45 LAN Cable (x2)
- Flat Head Screws for 3.5" HDD (x8)
- Flat Head Screws for 2.5" HDD (x8)



Figure 2.1: AS6702T Package Contents.

## 2.2 Hardware Installation

Follow these steps to install hard drives and connect the NAS:

1. **Install Hard Drives:** Open the drive bays and securely mount your 3.5-inch or 2.5-inch hard drives using the provided screws. Ensure they are firmly seated.
2. **Connect Network Cables:** Connect one or both 2.5 Gigabit Ethernet ports on the rear of the NAS to your network router or switch using the supplied RJ-45 LAN cables.
3. **Connect Power:** Connect the AC power adapter to the NAS and then plug it into a power outlet.
4. **Power On:** Press the power button on the front panel to turn on the NAS.





Figure 2.2: Front and Rear Panel Components.

## 2.3 Initializing the NAS

After hardware installation, you need to initialize the ASUSTOR Data Master (ADM) operating system. Refer to the Quick Installation Guide for detailed steps on using the ASUSTOR Control Center utility to discover and initialize your NAS on the network.

## 3. OPERATING

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### 3.1 Basic Operations

The AS6702T is designed for simple and intuitive operation through its web-based ADM interface. Once initialized, you can access the ADM desktop via a web browser from any device on your network.

- **File Access:** Easily access and manage files stored on the NAS from various devices (Windows, macOS, Linux, mobile).
- **User Management:** Create and manage user accounts and groups, assign access permissions to folders and files.

- **Network Configuration:** Configure network settings, including IP addresses, port forwarding, and VPN connections.

# Cross-Platform Multi-User Access

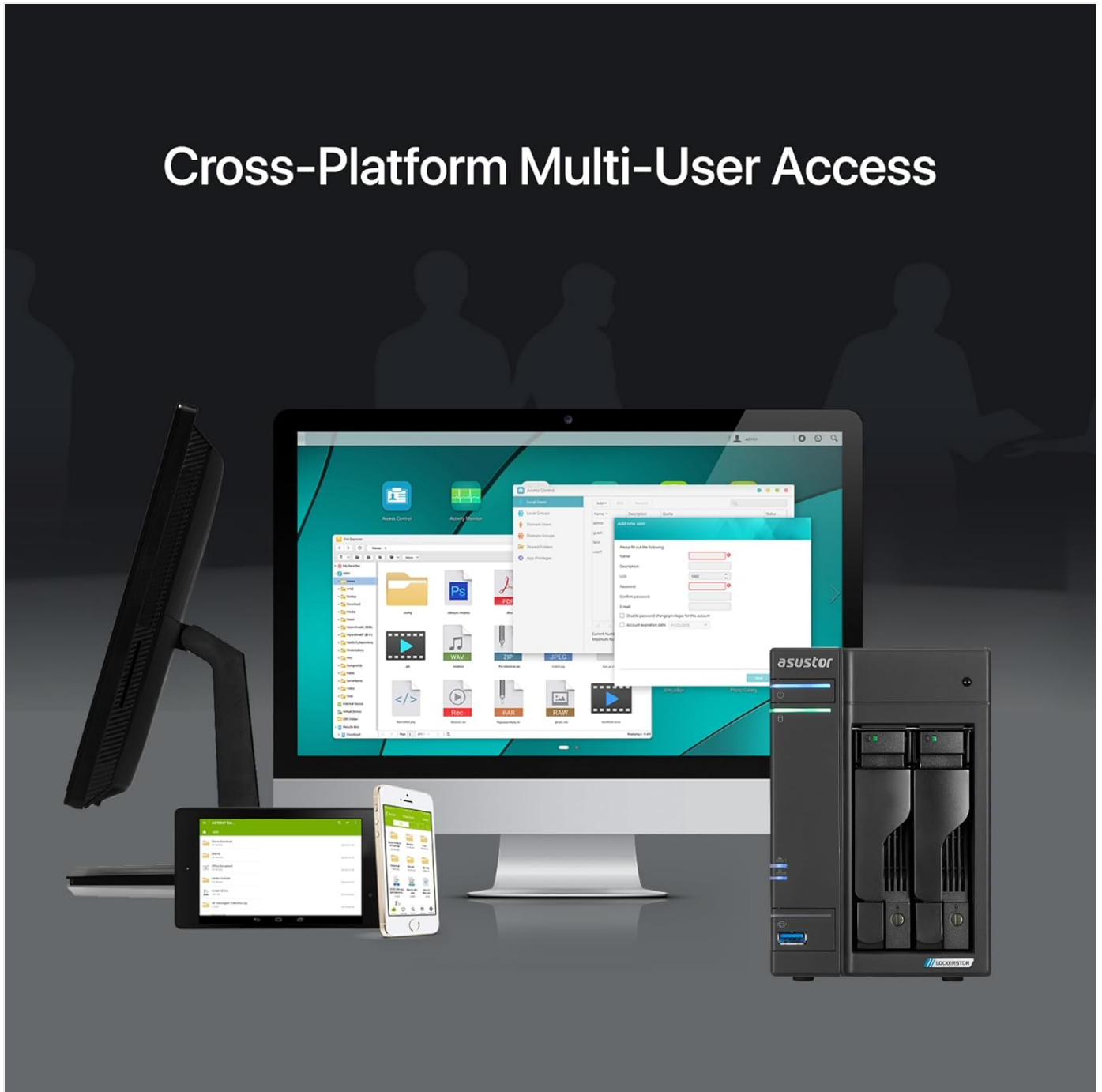


Figure 3.1: Plug and Play functionality for ease of use.

# Content Creators Rejoice!

ASUSTOR is an official Adobe Partner for video and audio solutions



Figure 3.2: Cross-Platform Multi-User Access.

## 3.2 Advanced Features

The AS6702T offers a range of advanced features to enhance your data management and multimedia experience:

- **4K Transcoding:** Enjoy seamless playback of high-resolution videos on various devices with on-the-fly 4K transcoding.
- **Data Backup and Synchronization:** Utilize built-in tools for scheduled backups to external devices, cloud services, or other NAS devices. Synchronize files across multiple platforms.
- **Direct Editing:** Collaborate on projects by directly editing files stored on the NAS, improving workflow efficiency.
- **App Central:** Expand NAS functionality by installing various applications from App Central, including multimedia servers, surveillance tools, and business applications.

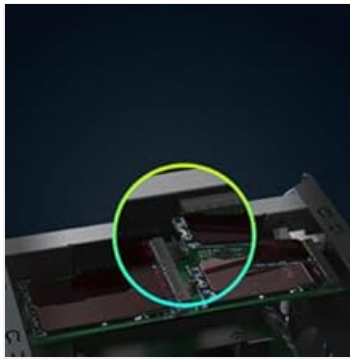


Figure 3.3: High-speed data transfer capabilities.

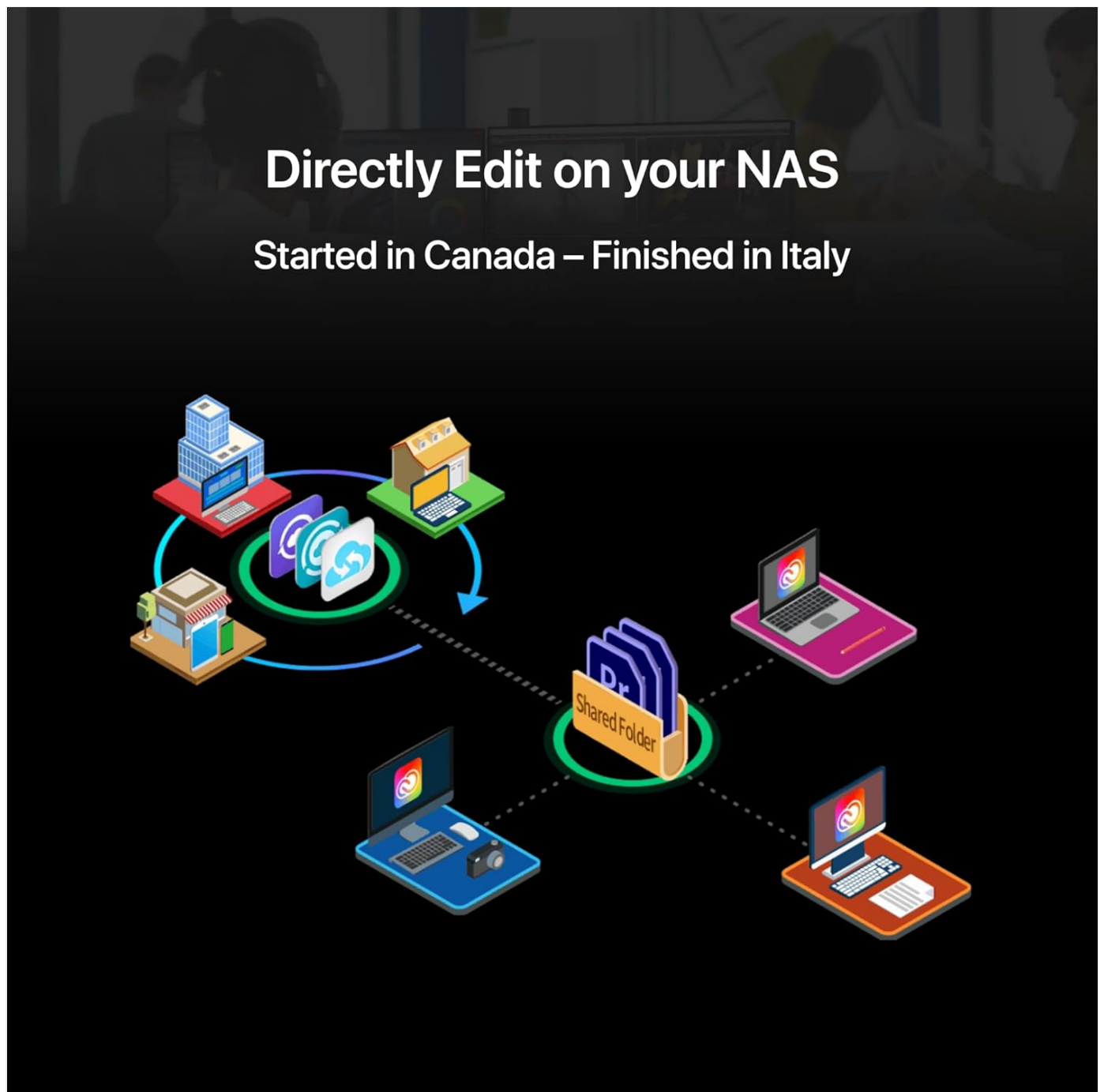


Figure 3.4: Direct editing on your NAS for collaborative work.





Figure 3.5: Comprehensive backup and synchronization solutions.

## 4. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your AS6702T NAS.

- **Disk Health Check:** Periodically check the health status of your installed hard drives through the ADM interface. Replace drives showing signs of failure promptly.
- **Firmware Updates:** Keep your ADM operating system updated to the latest version to benefit from new features, security patches, and performance improvements.
- **Cleaning:** Ensure proper airflow by regularly cleaning dust from the NAS enclosure and fan vents. Use a soft, dry cloth for external surfaces.
- **Regular Backups:** Implement a consistent backup strategy for critical data stored on the NAS. While RAID provides data redundancy, it is not a substitute for backups.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your AS6702T NAS.

### 5.1 Common Issues and Solutions

- **NAS Not Detected on Network:**
  - Ensure network cables are securely connected to both the NAS and your router/switch.
  - Verify that your router's DHCP server is enabled or configure a static IP address for the NAS.
  - Temporarily disable firewall on your computer to check for connectivity issues.
- **Drive Failure Indication:**
  - If a drive LED indicates an error, check the drive status in ADM.
  - Replace the faulty drive as soon as possible to maintain data redundancy (if using RAID).
- **Slow Performance:**
  - Check network cable quality and ensure 2.5GbE connections are active.
  - Monitor CPU and RAM usage in ADM to identify resource bottlenecks.
  - Consider adding M.2 SSDs for caching to improve performance.

### 5.2 LED Indicators

The front panel LEDs provide quick status information:

- **Power LED:** Indicates power status (e.g., solid blue for on, blinking for booting).
- **System Status LED:** Indicates system health (e.g., green for normal, red for error).

- **Network LEDs (LAN 1/2):** Indicate network activity and connection speed.
- **Drive LEDs:** Indicate drive activity and status (e.g., solid green for healthy, blinking for activity, red for error).

### 5.3 Reset Procedures

In case of severe issues, a reset might be necessary. Refer to the ASUSTOR website for detailed instructions on different reset types (e.g., soft reset, factory reset) and their implications.

## 6. SPECIFICATIONS

Key technical specifications for the Asustor Lockerstor 2 Gen 2 AS6702T:

Feature	Description
Model Number	AS6702T
Processor	Intel Celeron N5105 Quad-Core (10 nm)
Memory	4GB DDR4-2933 (expandable)
Drive Bays	2 x 3.5"/2.5" SATA HDD/SSD
M.2 Slots	4 x M.2 PCIe 3.0 SSD slots
Network Interfaces	2 x 2.5 Gigabit Ethernet (RJ-45)
USB Ports	USB 3.2 Gen2 (10 Gbps)
Video Output	HDMI 2.0b
Dimensions (H x W x D)	16.4 x 10.8 x 23 cm (6.42 x 4.25 x 9.05 inches)
Weight	2.4 kg (5.29 lbs)
Material	Metal
Operating System	ASUSTOR Data Master (ADM)



Figure 6.1: Intel N5105 Processor Performance.

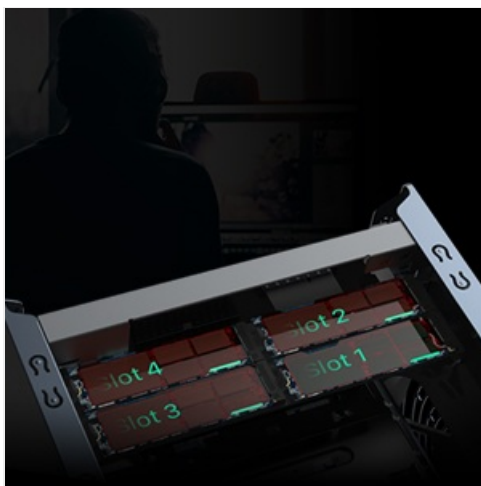


Figure 6.2: M.2 PCIe 3.0 SSD Slots.

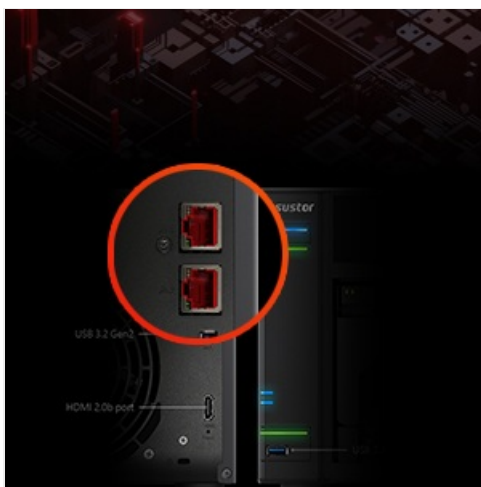


Figure 6.3: Dual 2.5 Gigabit Ethernet Ports.



Figure 6.4: DDR4 RAM Slot.

## 7. WARRANTY AND SUPPORT

Asustor products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Asustor website.

For technical support, software updates, and additional resources, please visit the official Asustor support website:

<https://www.asustor.com/service/support>

