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## Asustor AS5304T

# Asustor AS5304T 4-Bay NAS Instruction Manual

Model: AS5304T | Brand: Asustor

## 1. INTRODUCTION AND OVERVIEW

The Asustor AS5304T is a high-performance 4-bay Network Attached Storage (NAS) device designed for personal private cloud storage, media streaming, and data backup. Featuring an Intel Celeron Quad-Core processor and 4GB DDR4 RAM (expandable), it offers robust performance for various applications. Dual 2.5GbE ports provide high-speed network connectivity, ensuring efficient data transfer.



Figure 1: Asustor AS5304T 4-Bay NAS device.

Your browser does not support the video tag.

Video 1: Overview of Asustor Nimbustor NAS AS5202T AS5304T features.

## 2. WHAT'S IN THE BOX

Upon unboxing your Asustor AS5304T, you should find the following items:

- Asustor AS5304T NAS Unit
- Quick Start Guide
- 2x RJ-45 Cat 5e Ethernet Cables
- 1x AC Adapter & Power Cable
- 16x Phillips Screws for 2.5" Drives



Quick Start Guide



2x RJ-45 Cat 5e Cables



1x AC Adapter & Cable



16x Phillips Screw  
for 2 1/2 drives

Figure 2: Unboxing contents of the Asustor AS5304T.

### 3. HARDWARE FEATURES AND SPECIFICATIONS

The Asustor AS5304T is equipped with advanced hardware for reliable and high-performance network storage.

- **Processor:** Intel Celeron Quad-Core
- **RAM:** 4GB DDR4 (expandable)
- **Drive Bays:** 4x Hot-swappable 3.5"/2.5" SATA HDD/SSD bays
- **Network Ports:** 2x 2.5 Gigabit Ethernet (2.5GbE) ports
- **USB Ports:** 3x USB 3.2 Gen 1 ports (1 front, 2 rear)
- **HDMI:** 1x HDMI 2.0a port
- **Dimensions:** 9.06 x 6.85 x 6.69 inches
- **Weight:** 4.84 pounds

# 4 Bay Hot Swappable



Internal Disk: EXT4, Btrfs  
External Disk: FAT32, NTFS, EXT3, EXT4, HFS+, exFAT  
Volume Type: Single disk, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10  
Support for Online RAID Level Migration



- A. Power Button
- B. Power LED
- C. System Status LED
- D. Network LED
- E. USB LED
- F. Hard Drive LEDs
- G. One Touch Backup Button
- H. USB3.2 Gen1 Ports
- I. HDMI Port
- J. 2.5 Gigabit RJ45 Ports
- K. Reset Button
- L. DC Input
- M. System Fan
- N. K-Lock

Figure 3: Asustor AS5304T dimensions and port layout.

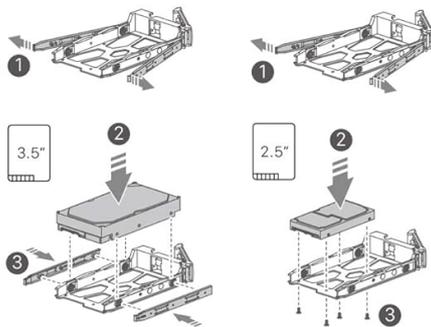
## 4. SETUP AND INSTALLATION

Follow these steps to set up and install your Asustor AS5304T NAS:

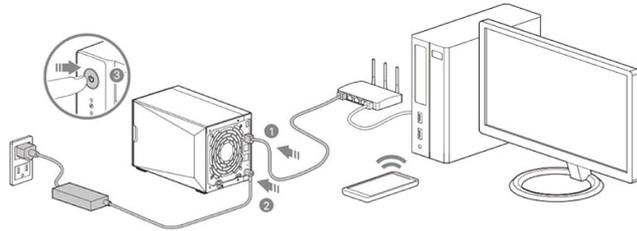
- 1. Install Hard Drives:** Unlock the drive tray, place your 3.5" or 2.5" hard drive or SSD into the tray, and relock the tray. Slide the tray back into the NAS unit.
- 2. Connect Cables:** Connect the power adapter to the NAS and plug it into a power outlet. Connect one or both Ethernet cables from the NAS to your network router or switch.
- 3. Power On:** Press the power button on the front of the NAS.
- 4. Initialize NAS:** Download and install the ASUSTOR Control Center software on your Windows or macOS computer, or the AiMaster app for Android/iOS devices. Use the software/app to easily initialize your NAS.

# Install and initialize easily

**Step1** Unlock tray, place drive, relock tray.



**Step2** Connect power and network cables



**Step3** Download ASUSTOR Control Center for Windows or AiMaster for Android/iOS to easily initialize your NAS.



**All Done!**

Figure 4: Drive installation and cable connection steps.

Your browser does not support the video tag.

Video 2: Quickstart Guide for ASUSTOR NAS devices, demonstrating initial setup procedures.

## 5. OPERATING INSTRUCTIONS

The Asustor AS5304T runs on the ASUSTOR Data Master (ADM) operating system, providing a user-friendly interface for managing your NAS. Key operating features include:

- **File Management:** Access, organize, and share files through the web interface or mobile apps.
- **App Central:** Expand NAS functionality with a wide range of apps for media streaming (Plex, Kodi), surveillance (Surveillance Center), download management, and more.
- **Backup Solutions:** Configure comprehensive backup plans to external drives, cloud services, or other NAS devices.
- **Mobile Access:** Use AiMaster, AiFoto, AiMusic, and other mobile apps to access your files, stream media, and manage your NAS from anywhere.
- **Home Entertainment:** Stream 4K video, manage music libraries, and share content across your home network.

Figure 5: Overview of Asustor NAS features and applications.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your NAS:

- **Keep Clean:** Periodically clean the exterior of the NAS and ensure ventilation areas are free from dust.
- **Firmware Updates:** Regularly check for and install ADM firmware updates to benefit from new features, security patches, and performance improvements.
- **Drive Health Check:** Utilize the Storage Manager in ADM to monitor the health status of your hard drives.
- **Backup Data:** Always maintain up-to-date backups of critical data stored on your NAS.

## 7. TROUBLESHOOTING

If you encounter issues with your NAS, consider the following basic troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the NAS and the power outlet. Test the outlet with another device.

- **No Network Connection:** Verify that Ethernet cables are securely connected to the NAS and your router/switch. Check network settings in ADM.
- **Drive Not Detected:** Ensure hard drives are properly seated in their trays. Check drive health status in Storage Manager.
- **Slow Performance:** Check network traffic and CPU/RAM usage in ADM. Consider upgrading RAM if consistently high.
- **System Restart:** A simple restart can often resolve minor software glitches.

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## 8. SPECIFICATIONS

Feature	Specification
Product Dimensions	9.06 x 6.85 x 6.69 inches
Item Weight	4.84 pounds
Manufacturer	Asustor
ASIN	B07PYJ2KNC
Item model number	90IX0181-BW3S10
Batteries	1 CR123A batteries required.
Brand	Asustor
Compatible Devices	Camera

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## 9. WARRANTY AND SUPPORT

The Asustor AS5304T comes with a 3-year manufacturer's warranty. For technical support, firmware updates, and additional resources, please visit the official Asustor website or contact their customer support.

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