

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [Asustor](#) /
- › [Asustor AS5404T 4-Bay NAS User Manual](#)

Asustor AS5404T

Asustor AS5404T 4-Bay NAS User Manual

Model: AS5404T

INTRODUCTION

The Asustor AS5404T is a high-performance 4-bay Network Attached Storage (NAS) device designed for robust data management and accessibility. Featuring an Intel Quad-Core 2.0GHz N5105 CPU, 4x M.2 NVMe SSD slots, and dual 2.5 Gigabit Ethernet ports, this unit provides efficient and secure storage solutions. This manual provides essential information for setting up, operating, and maintaining your AS5404T NAS.



Figure 1: Asustor AS5404T 4-Bay NAS

PACKAGE CONTENTS

Verify that all items are present in the package:

- AS5404T Unit x1
- Quick Installation Guide x1
- AC Power Cord x1
- AC Power Adapter x1
- RJ-45 LAN Cable (Cat 5e) x2
- Flat Head Screw (for 2.5" HDD) x16



AS5404T Unit x1 	Quick Installation Guide 
AC Power Cord x1 	RJ-45 LAN Cable (Cat 5e) x2 
AC Power Adapter x1 	
Flat Head Screw (for 2.5" HDD) x16 	



- 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. USB 3.2 Gen2 Ports
- I. HDMI Port
- J. 2.5-Gigabit Ethernet Ports
- K. Reset Button
- L. DC Input
- M. System Fan
- N. K-Lock

Figure 2: Included accessories and unit dimensions.

HARDWARE OVERVIEW

The AS5404T features a user-friendly design with clearly labeled ports and indicators.

For Content creators and gamers

High Speeds and High Capacity Make Your Workflow Efficient



Figure 3: Front and rear panel components.

Front Panel

- **Power Button (A):** To power on/off the NAS.
- **Power LED (B):** Indicates power status.
- **System Status LED (C):** Indicates overall system health.
- **Network LED (D):** Indicates network activity.
- **USB LED (E):** Indicates USB device connection.
- **Hard Drive LEDs (F):** Indicates activity for each installed hard drive.
- **One Touch Backup Button (G):** For quick backup operations.
- **USB 3.2 Gen 2 Port (H):** High-speed USB port for external devices.

Rear Panel

- **HDMI Port (I):** For direct display output, supporting 4K 10-bit hardware decoding.
- **2.5-Gigabit Ethernet Ports (J):** Dual ports for high-speed network connectivity.
- **Reset Button (K):** To reset the NAS.

- **DC Input (L):** Power adapter connection.
- **System Fan (M):** For cooling the system.
- **K-Lock (N):** Kensington security slot.

SETUP

1. Installing M.2 NVMe SSDs

The AS5404T features four M.2 NVMe SSD slots for high-speed storage. Follow these steps to install your SSDs:

1. Power off the NAS and disconnect all cables.
2. Carefully slide open the top cover of the NAS.
3. Locate the four M.2 slots on the internal board.
4. Insert each M.2 SSD into an available slot at a slight angle.
5. Gently push down the SSD and secure it with the provided screw or retention clip.
6. Replace the top cover and secure it.



Figure 4: M.2 NVMe SSD slots for storage expansion.

Your browser does not support the video tag.

Video 1: Step-by-step guide on installing M.2 SSDs into a Lockerstor Gen3 NAS, which shares similar installation procedures.

2. Installing Hard Disk Drives (HDDs)

The AS5404T supports 3.5-inch or 2.5-inch SATA HDDs. To install:

1. Ensure the NAS is powered off.
2. Press the release button on the drive tray to eject it.

3. Place your HDD into the tray and secure it with the provided screws.
4. Slide the tray back into the NAS until it clicks into place.

3. Initial Network Connection

Connect the NAS to your network using the provided RJ-45 LAN cables. For optimal performance, connect both 2.5 Gigabit Ethernet ports to your router or switch. Power on the NAS by pressing the power button on the front panel.

OPERATING SYSTEM (ADM)

The Asustor AS5404T runs on the Asustor Data Master (ADM) operating system, providing a user-friendly interface for managing your data and NAS functions.

Key Features

- **Quad-Core Intel Celeron N5105 CPU:** Provides robust performance for multitasking and demanding applications.
- **4x M.2 NVMe SSD Slots:** Offers high-speed storage for caching or primary data.
- **Dual 2.5-Gigabit Ethernet Ports:** Ensures fast and reliable network connectivity.
- **3x USB 3.2 Gen 2 Ports:** High-speed external connectivity for peripherals and quick backups.
- **HDMI Output:** Supports 4K 10-bit hardware decoding for direct media playback.
- **Wake on LAN and Wake on WAN:** Allows remote power-on for convenience.

Data Management

ADM supports various RAID configurations (e.g., RAID 0, 1, 5, 6, 10) for data redundancy and performance. It also supports the Btrfs file system, offering advanced features like snapshots for data protection.

Multimedia Capabilities

The AS5404T can serve as a personal media center, supporting applications like Plex for video streaming and playback. The HDMI output allows direct connection to a TV for a seamless home theater experience.

Personal Plex Media Center

Video Streaming and Playback



Figure 5: Personal Plex Media Center setup.

Cross-Platform Multi-User Access

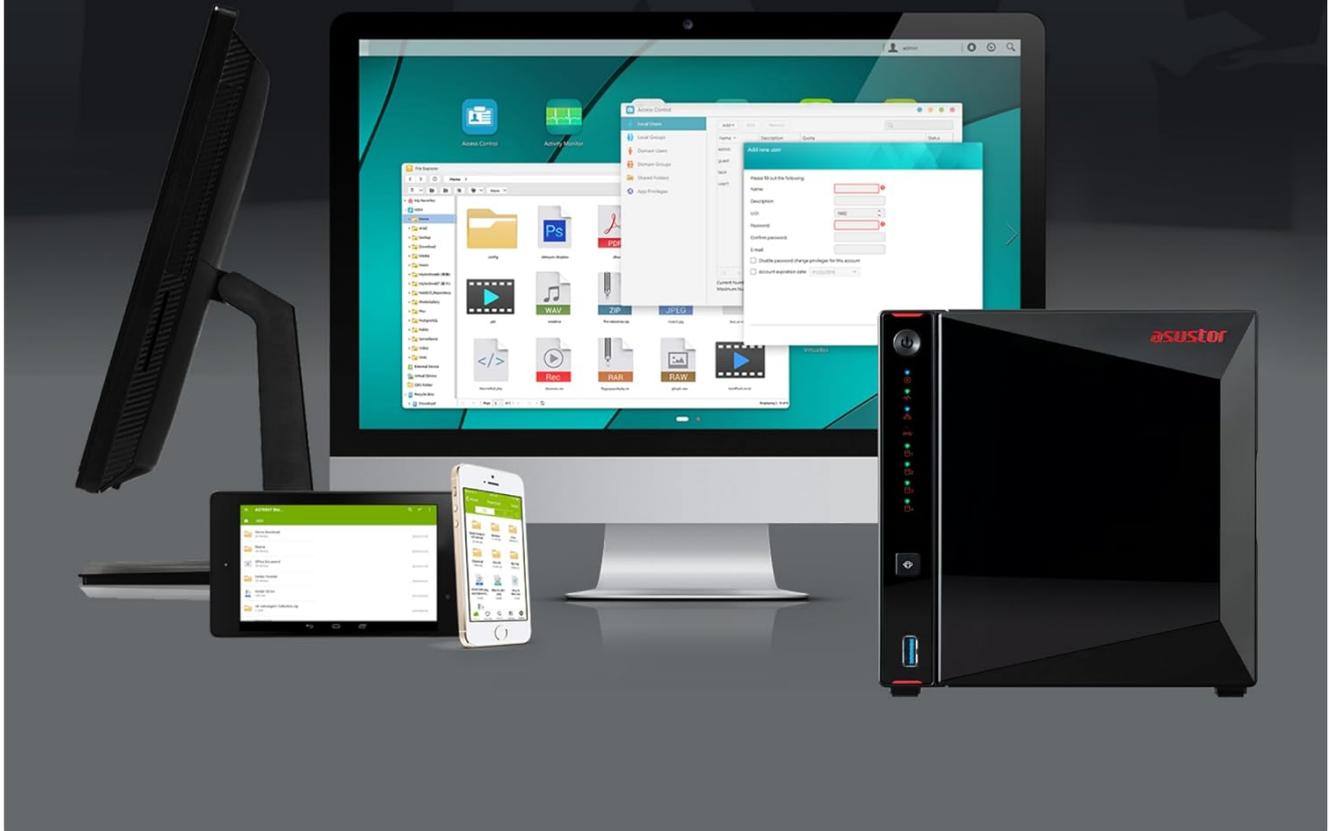


Figure 6: Cross-platform multi-user access.

Your browser does not support the video tag.

Video 2: Overview of the AS5402T and AS5404T NAS models, highlighting key features and benefits.

MAINTENANCE

Drive Health Monitoring

Regularly check the health of your drives using ADM's built-in S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) tools. This helps predict potential drive failures and allows for proactive data backup.

Software Updates

Keep your ADM operating system and installed applications updated to ensure optimal performance, security, and access to the latest features. Updates can typically be managed directly through the ADM interface.

TROUBLESHOOTING

Network Connectivity Issues

If you experience intermittent network connectivity, ensure that NIC (Network Interface Card) pairing is correctly configured. Some users have reported issues with certain NIC pairing setups, which may require adjustments or disabling the feature if problems persist.

Drive Detection Problems

If a drive is not consistently detected or is read as a new device after a jiggle or reboot, check the physical connection of the drive within its bay. Ensure it is seated firmly and the tray is fully locked. If issues persist, try swapping the drive to a different bay or testing with a known working drive.

SPECIFICATIONS

Feature	Detail
Model	AS5404T
CPU	Intel Celeron N5105 Quad-Core 2.0GHz (10 nm)
RAM	4 GB DDR4-2933 (Expandable)
Drive Bays	4 x 3.5"/2.5" SATA HDD/SSD
M.2 Slots	4 x M.2 NVMe SSD Slots
Ethernet Ports	2 x 2.5 Gigabit Ethernet
USB Ports	3 x USB 3.2 Gen 2 (10 Gbps)
HDMI Output	Yes, 4K 10-bit Hardware Decoding
Dimensions (LxWxH)	9.06 x 6.85 x 6.69 inches
Weight	4.97 pounds
Material	Metal

WARRANTY AND SUPPORT

Each Asustor product comes with a complete service warranty. For additional coverage, an extended warranty service may be purchased. Register your product within 9 months of purchase to become eligible for a warranty extension, stretching coverage up to 5 years.

For further assistance, please visit the official Asustor support website or contact customer service.

Related Documents - AS5404T

	<p>ASUSTOR AS5402T / AS5404T Quick Installation Guide</p> <p>This guide provides instructions for the quick installation of ASUSTOR AS5402T and AS5404T NAS devices, covering hardware setup, software installation, and basic troubleshooting.</p>
	<p>Guide d'installation rapide ASUSTOR AS5402T/AS5404T</p> <p>Ce guide fournit des instructions étape par étape pour l'installation matérielle et logicielle des appareils NAS ASUSTOR AS5402T et AS5404T.</p>
	<p>ASUSTOR FS6806X/FS6812X Quick Installation Guide</p> <p>A comprehensive guide for the quick installation and setup of ASUSTOR FS6806X and FS6812X Network Attached Storage (NAS) devices, covering hardware installation, software configuration, and basic troubleshooting.</p>
	<p>ASUSTOR AS7212RDX/AS7216RDX Quick Installation Guide</p> <p>This guide provides essential steps for the quick installation of ASUSTOR AS7212RDX and AS7216RDX Network Attached Storage (NAS) devices, covering hardware setup, initial configuration, and basic troubleshooting.</p>
	<p>ASUSTOR AS5004U Quick Installation Guide</p> <p>Step-by-step guide for installing and setting up the ASUSTOR AS5004U NAS expansion unit, including hardware installation, connections, and LED indicator information.</p>

asustor

Schnell-Installationsanleitung
AS7212RDX / AS7216RDX

[ASUSTOR AS7212RDX / AS7216RDX Schnell-Installationsanleitung](#)

Diese Schnell-Installationsanleitung führt Sie durch die Einrichtung Ihrer ASUSTOR AS7212RDX und AS7216RDX NAS-Geräte. Erfahren Sie, wie Sie Hardware installieren, Software konfigurieren und Ihr System in Betrieb nehmen.