



# Why Choose An ASUSTOR NAS?

# About ASUSTOR

ASUS + Storage

ASUS NAS



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# ASUSTOR NAS Tower Product Lineup

Small/Medium Business

AS7110T



Lockerstor10 Pro

Intel Xeon

M  
10 GbE  
2 GbE x 3

Power User to Business



AS7004T

Intel i3 / Intel i5

10 GbE

H S

Home to Power User

AS6508T



Lockerstor8

AS6510T



Lockerstor10

10 GbEx 2  
2 GbE x 2

Expansion Unit



AS6004U

Personal to Home



AS4002T



AS4004T

Apollo Lake



AS6302T

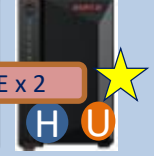


AS6404T

Gemini Lake



AS5304T



AS5202T

2 GbE x 2



AS1002Tv2



AS1004Tv2



AS3102T v2



AS3204T v2

- M : M.2 slots
- U : USB
- H : HDMI
- S : S/PDIF
- C : USB-C
- ★ : NEW

# ASUSTOR NAS Rackmount Product Lineup

- H : HDMI
- S : S/PDIF
- M : M.2 slots

Small/Medium Business

- 10GbE
- SAS
- Service LED
- 1GbE x4



AS7116RDX(3U)



AS7112RX(2U)

Intel Xeon

Intel Xeon

Power User to Business

- Service LED
- USB3.0 x4
- 1GbE x4



AS6212RD

- Service LED
- USB3.0 x4
- 1GbE x4



AS6204RS

- Service LED
- USB3.0 x4
- 1GbE x4

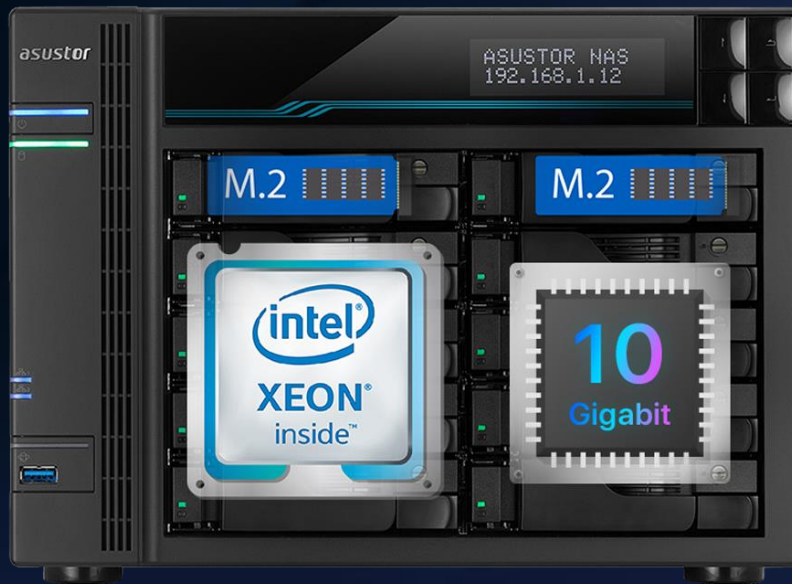


AS6204RD

# Flagship Specifications with Latest Technology

**Full Xeon Speed Ahead!**

**AS7110T  
LOCKERSTOR 10 PRO**



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# Flagship Specifications with Latest Technology

**Shift into overdrive with dual Intel 10GbE, M.2 SSD caching and 2.5GbE!**

**Lockerstor 8/ Lockerstor 10  
AS6508T / AS6510T**



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# Flagship Specifications with Latest Technology

## ASUSTOR Gaming-Inspired Storage! 2.5GbE NAS



Nimbustor 2 / Nimbustor 4  
AS5202T/ AS5304T



\*Not a gaming NAS. Consult website for more information.



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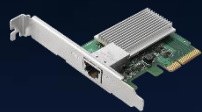
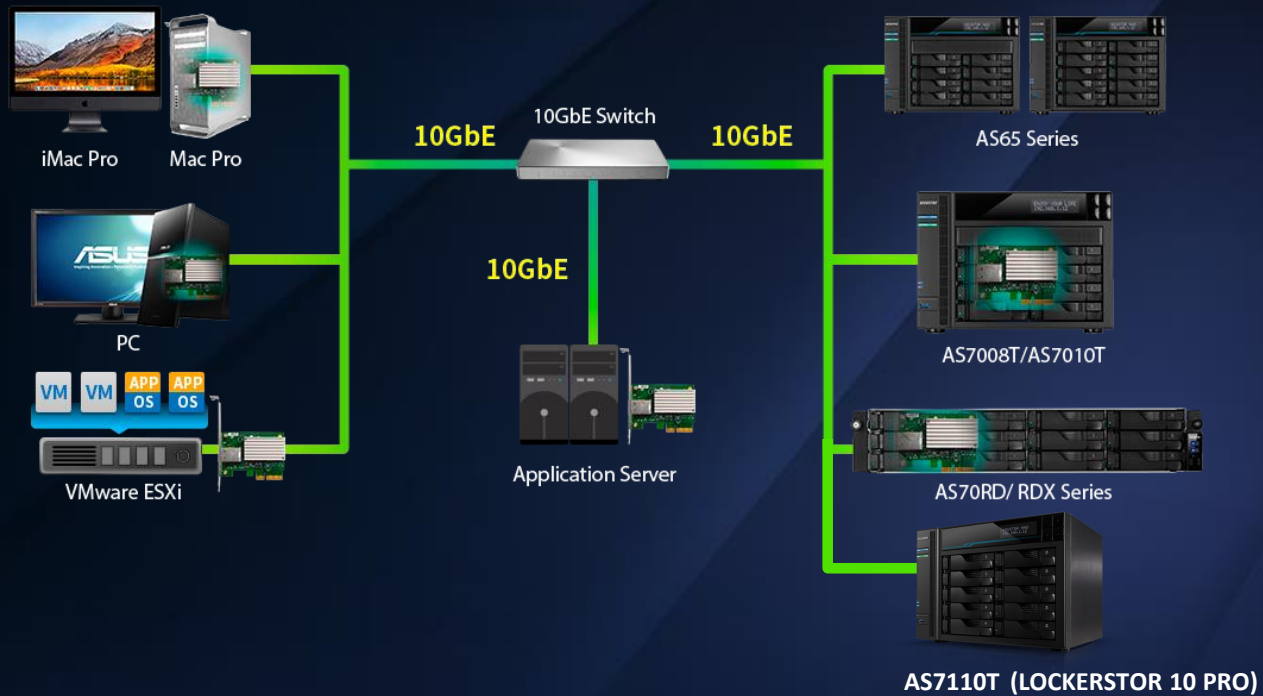


# Why Choose An ASUSTOR NAS?

**Fast** · Simple · Reliable

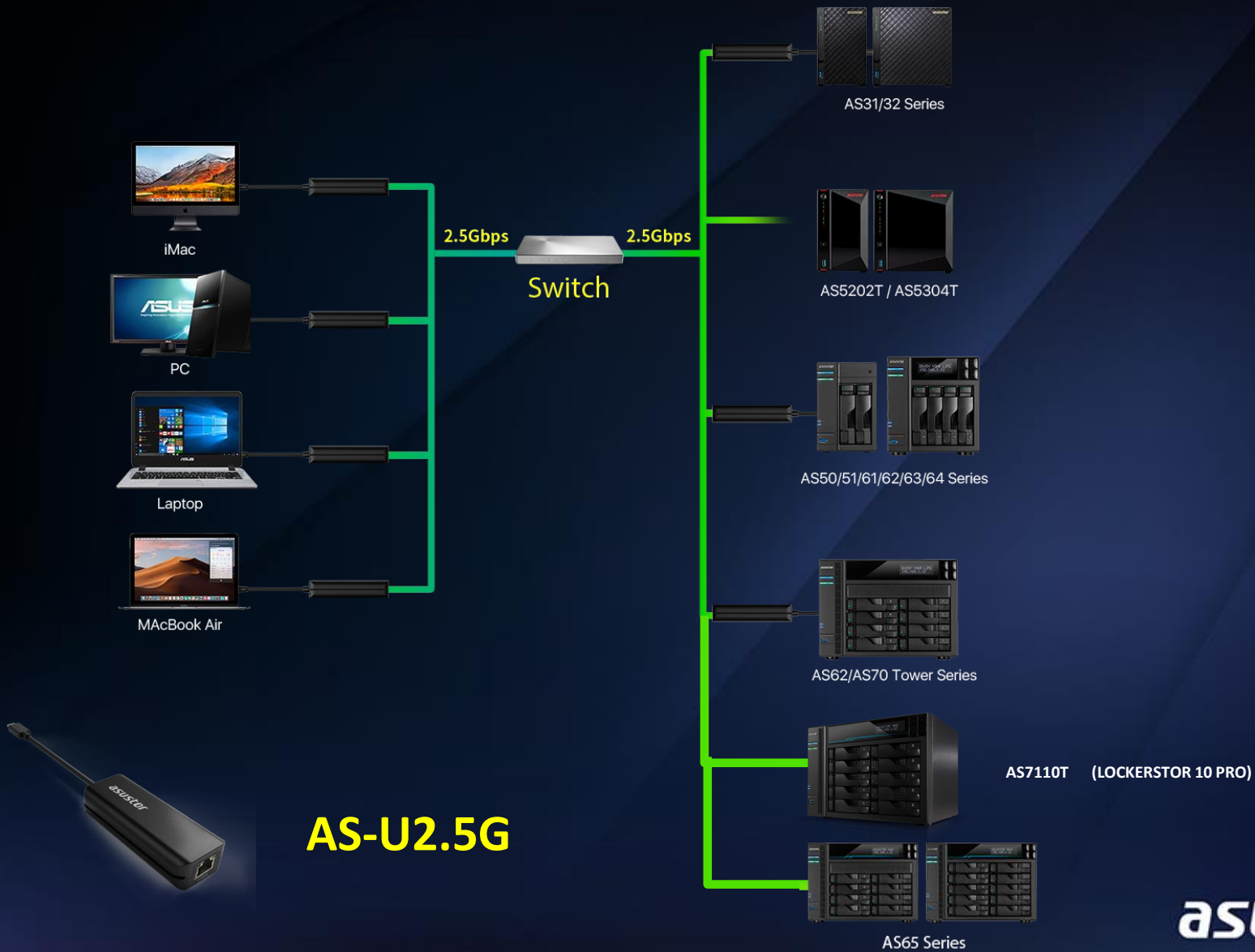


# Fast with 10GbE



**AS-T10G**

# Fast with 2.5GbE



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# Fast CPU



**AS7110T  
LOCKERSTOR 10 PRO**



**AS7116RDX(3U)**



**AS7112RX(2U)**

# Fast with M.2 SSD caching

Lockerstor 8 / Lockerstor 10 (AS6508T / AS6510T)



M.2 SSD caching supported model: AS6508T / AS6510T/ AS7110T

# Fastest Transcoding Speed

You no longer need to worry about running into resolution compatibility issues when playing videos on your phone, tablet or computer.

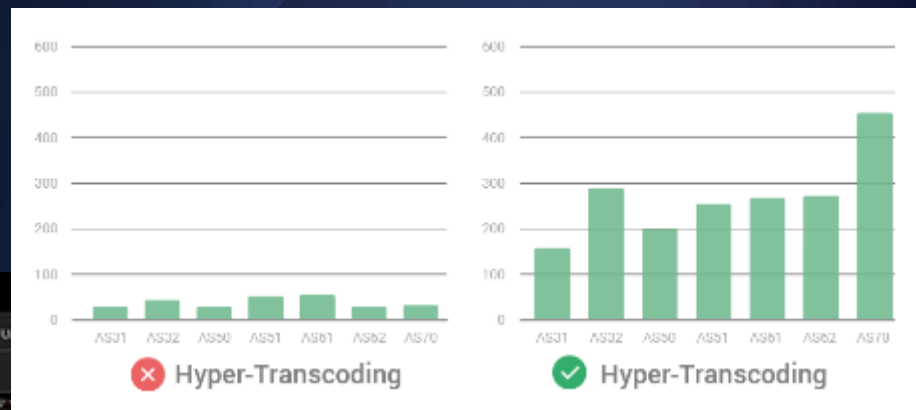
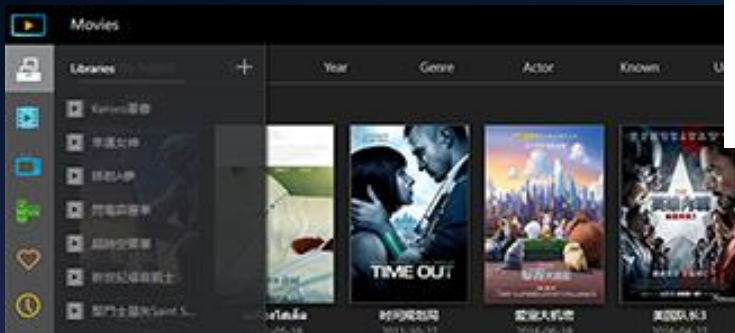
## LooksGood's Hyper-Transcoding Technology

Exclusive

makes video file conversions faster and simpler than ever before. Using Hyper-Transcoding to convert video files provides a tenfold reduction in conversion time!



Looksgood is a browser-based video player.



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# Performance King



**ASUSTOR**'s AS7004T had been ranking **#1** for **RAID5 NAS** for more than 2 years

**Product Rank: RAID5 NAS**

Class: RAID5  
Rank: Top NAS  
Test method: Amazon 5  
22 products found (NCR1)  
[Switch To Sort By PRICE](#)

**#1** June 2015  
ASUSTOR AS7004T NAS Server  
Four-bay dual core Intel Core i3 NAS with lots of ports and wide range of downloadable apps.  
Performance Features  
\$ 1053  
[Check Amazon](#)

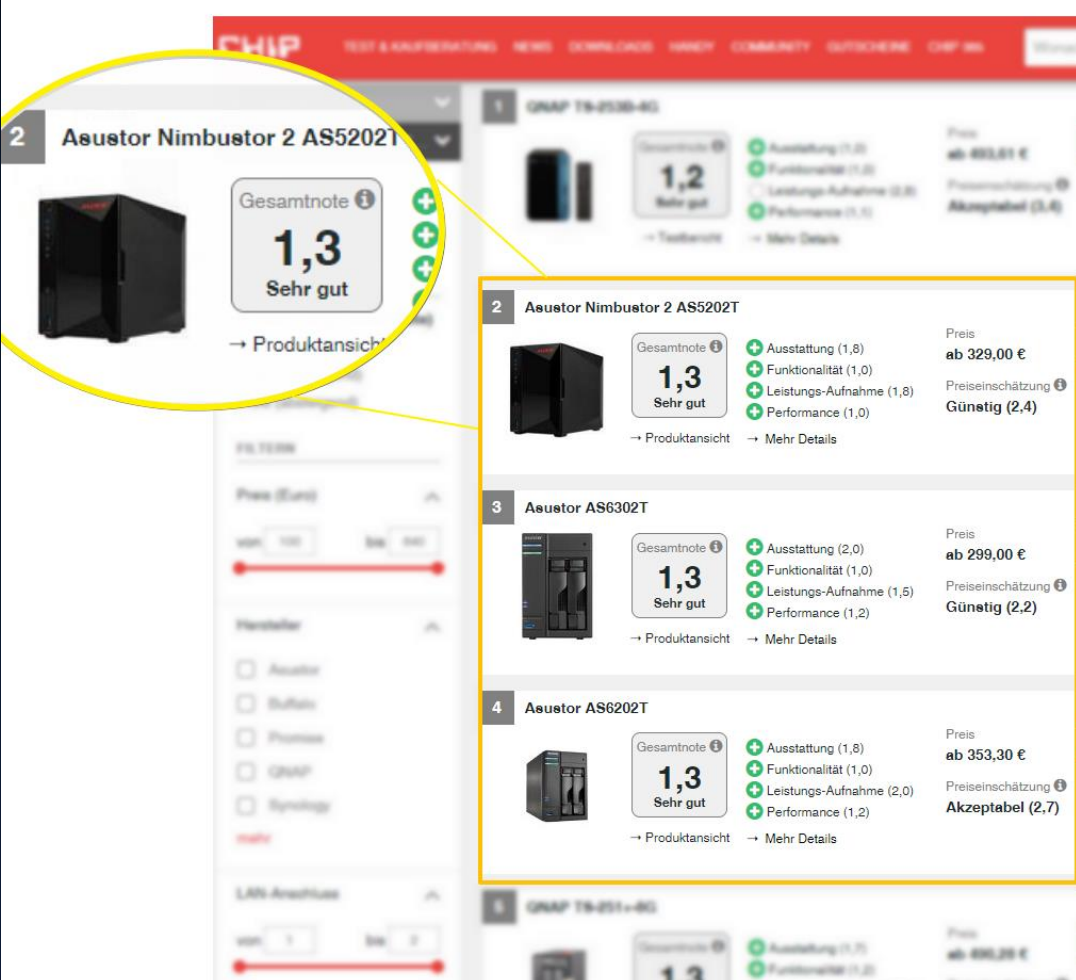
**#2** June 2015  
QNAP TS-453 Pro Turbo NAS  
Four-bay Intel quad-core Celeron-powered SATA NAS with quad Gigabit LAN, USB 3.0 and HDMI port.  
Performance Features  
\$ 544  
[Check Amazon](#) [Check NewEgg](#)

**#2** June 2015  
QNAP TS-453 Pro Turbo NAS  
Six-bay Intel quad-core Celeron-powered SATA NAS with quad Gigabit LAN, USB 3.0 and HDMI port.  
Performance Features  
\$ 751  
[Check Amazon](#) [Check NewEgg](#)



# Performance King

ASUSTOR takes  
the **No.2** No.3 and No.4 spot  
among **all 2-bay NASes**   
Rankings by CHIP, Germany  
in more than 1 year.



The screenshot shows a ranking of 2-bay Network Attached Storage (NAS) devices by CHIP. The top three results are highlighted with a yellow box:

Rank	Model	Gesamtnote	Sehr gut	Preis	Preiseinschätzung
2	Asustor Nimbusator 2 AS5202T	1,3	Sehr gut	ab 329,00 €	Günstig (2,4)
3	Asustor AS6302T	1,3	Sehr gut	ab 299,00 €	Günstig (2,2)
4	Asustor AS6202T	1,3	Sehr gut	ab 353,30 €	Akzeptabel (2,7)

Each entry includes a product image, a 'Gesamtnote' (Overall Score) of 1,3 (Sehr gut), and a list of sub-scores for 'Ausstattung' (Equipment), 'Funktionalität' (Functionality), 'Leistungs-Aufnahme' (Performance), and 'Performance'. The 'Preiseinschätzung' (Price Estimation) is also provided for each model.

<http://www.chip.de/bestenlisten/Bestenliste-Netzwerk-Festplatten-2-Bay--index/index/id/1183/>

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# Why Choose An ASUSTOR NAS?

Fast · **Simple** · Reliable

# So Easy to Use

**When We Said It, You Must Try It; When THEY Said It, You Have To Believe It**



“The ADM OS has an **easy to use** Apps that can be installed easily. They are **easy to update** to the latest version...” *OCStation, Thailand , 2015-07*



“The flexibility of these devices provide our home with many possibilities that you **get used to quickly**... Everything is aimed at people who enjoy computing at home and prefer to have their own cloud.” *Noticias3D, Spain, 2015-06*



“...**The user interface is**, in turn, pleasant, **intuitive and relatively easy to handle.**” *JusteGeek, France, 2015-05*



“...this NAS is very complete, very fast and the **software is simple to use.**” *PC Guia, Portugal, 2015-03*



“I will conclude on a very positive note on the init function NAS via **Asustor AiMaster on Android that is simple, complete and powerful.**” *Cachem, France, 2015-02*



“ I was thoroughly impressed by ASUSTOR’s operating system, ADM. I found **it very intuitive to use and it was easy to find every single function I was looking for.** “ *eTeknix, UK, 2015-4*

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# Simple in Setup

The **First**

to provide NAS setup from mobile devices

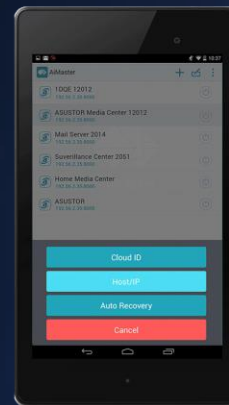


AiMaster

Install



Connect



Setup



Done



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# Simple to Use

Familiar Tablet-like UI

## Simplicity in Mind

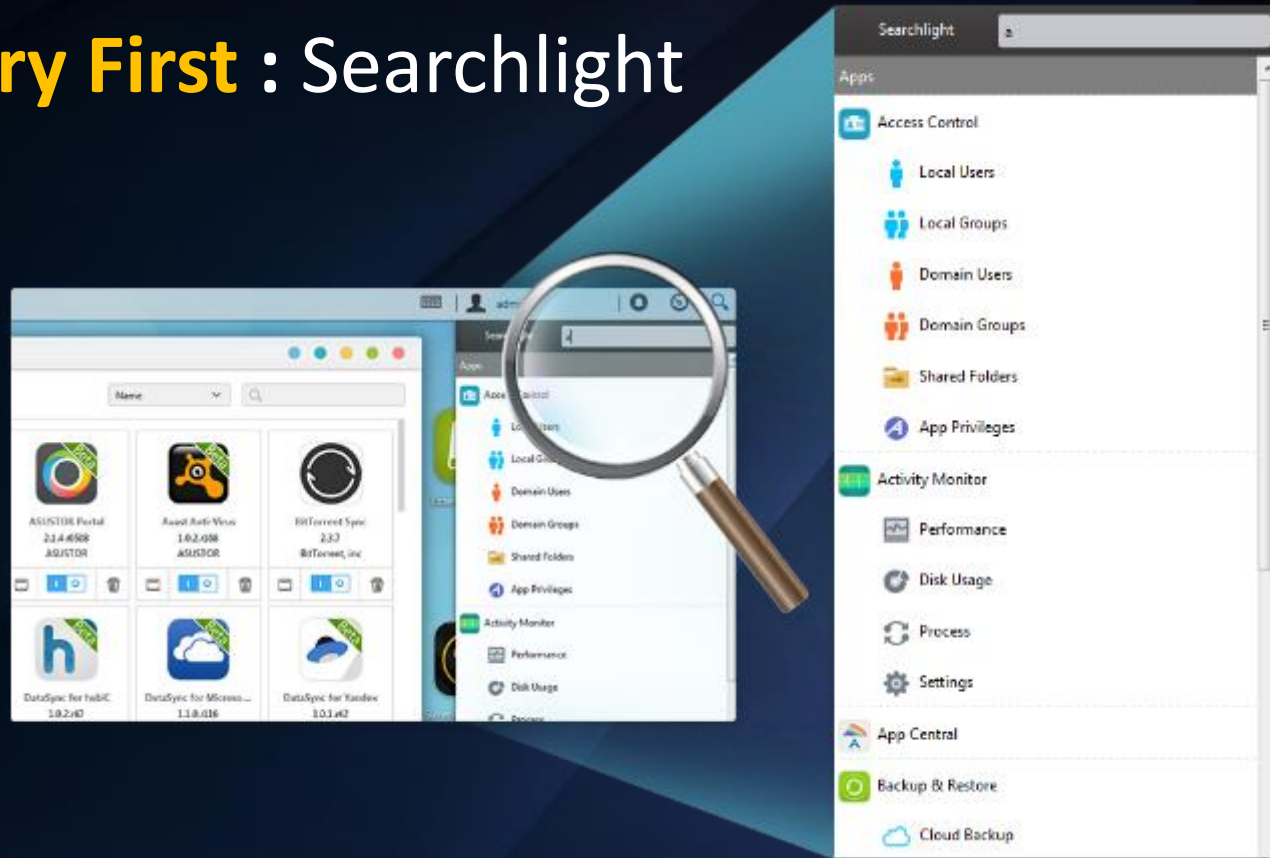
- Flexible with any type of computer/browser
- Automatically adjust based off screen resolution
- Can be sorted and stored into groups
- Position can be saved
- Just like a tablet UI





# Simple in Search

An **Industry First** : Searchlight



**Never get lost** among the thousands of files on your NAS.  
Just type a word and **we will find what you need.**



# Which NAS???

Exclusive

ASUSTOR's unique **Find Me** function

flashes an LED and sounds the system buzzer

to allow MIS staff to easily find the NAS



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# Simple Expansion

## More Ports

eSATA, USB2.0, USB3.0 , S/PDIF, HDMI

## More Expandability

than any other competing brands

Exclusive

## The Only in the Industry

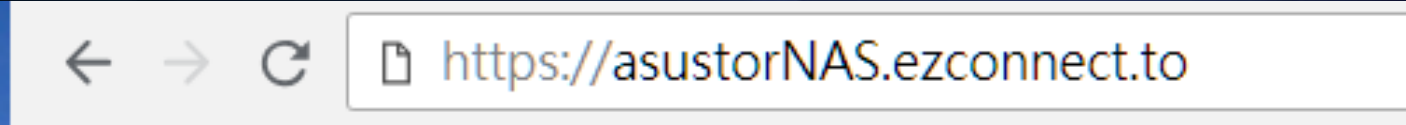
AS5/6/7 are **the only NAS** series on the market with **built-in S/PDIF** high fidelity output interfaces. ASUSTOR spares no expense in utilizing first-class hardware specifications to provide the best listening experience possible.



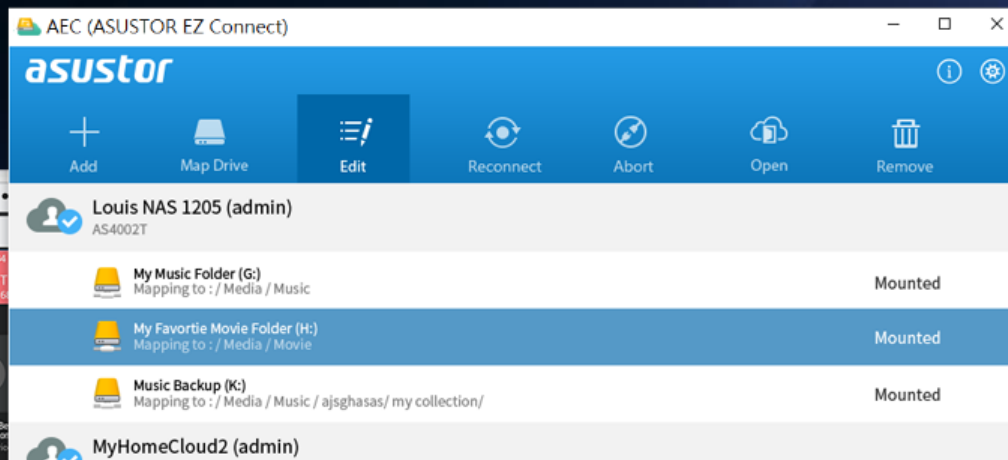
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# Easy Connecting to Your Network

- Supports automatic port forwarding
- ASUSTOR EZ-Connect
- Remote access all information on NAS
- Web browser: “ASUSTOR Cloud ID + .ezconnect.to”



← → ↻ <https://asustorNAS.ezconnect.to>



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# Easiest Setup for an IP NVR

## Only 5 Steps

to set up a digital surveillance system



# The Most Generous Offer

**4 Camera licenses** **For Free**

*while other brands offer a maximum 2 licenses only*

**HDMI display** **For Free**

So you can also view surveillance feeds on TV, PC, mobile

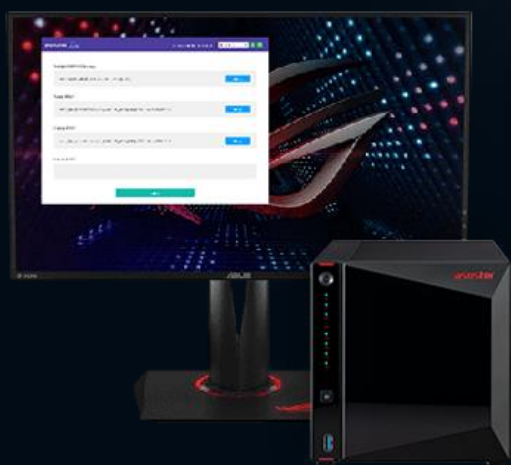
*With other brands,  
you can only use PC/mobile*



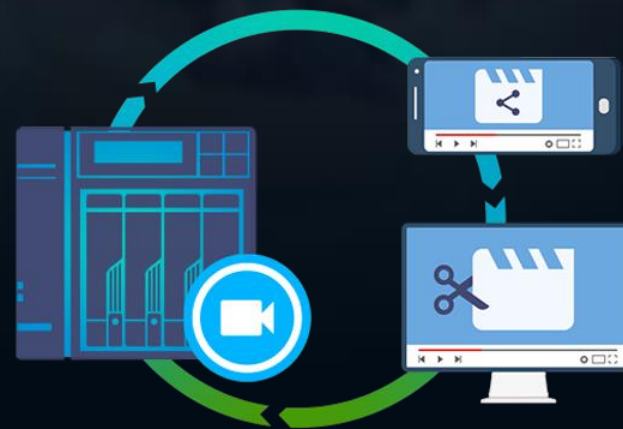
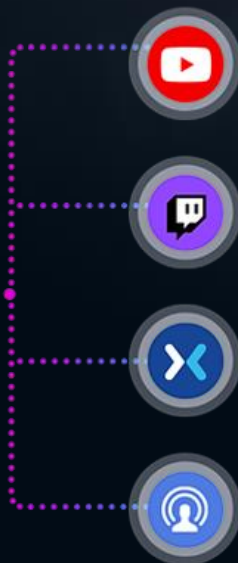


# Easy streaming and storage

## ASUSTOR Live

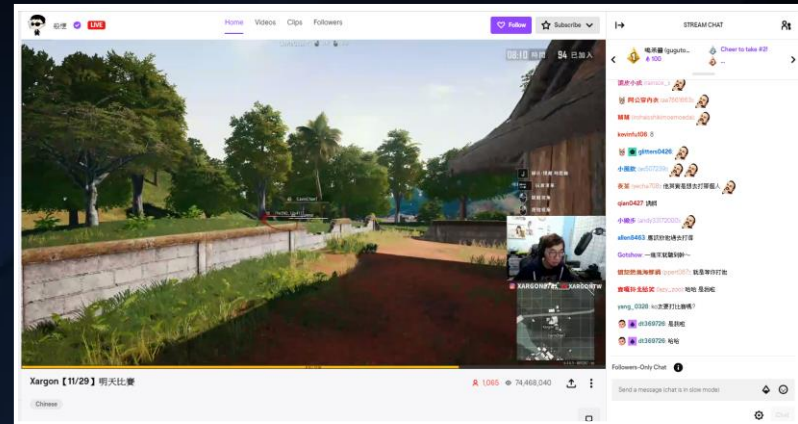


Multistreaming



Streaming video save and use

Setup ASUSTOR Live only in 3 steps



# Easy streaming and storage



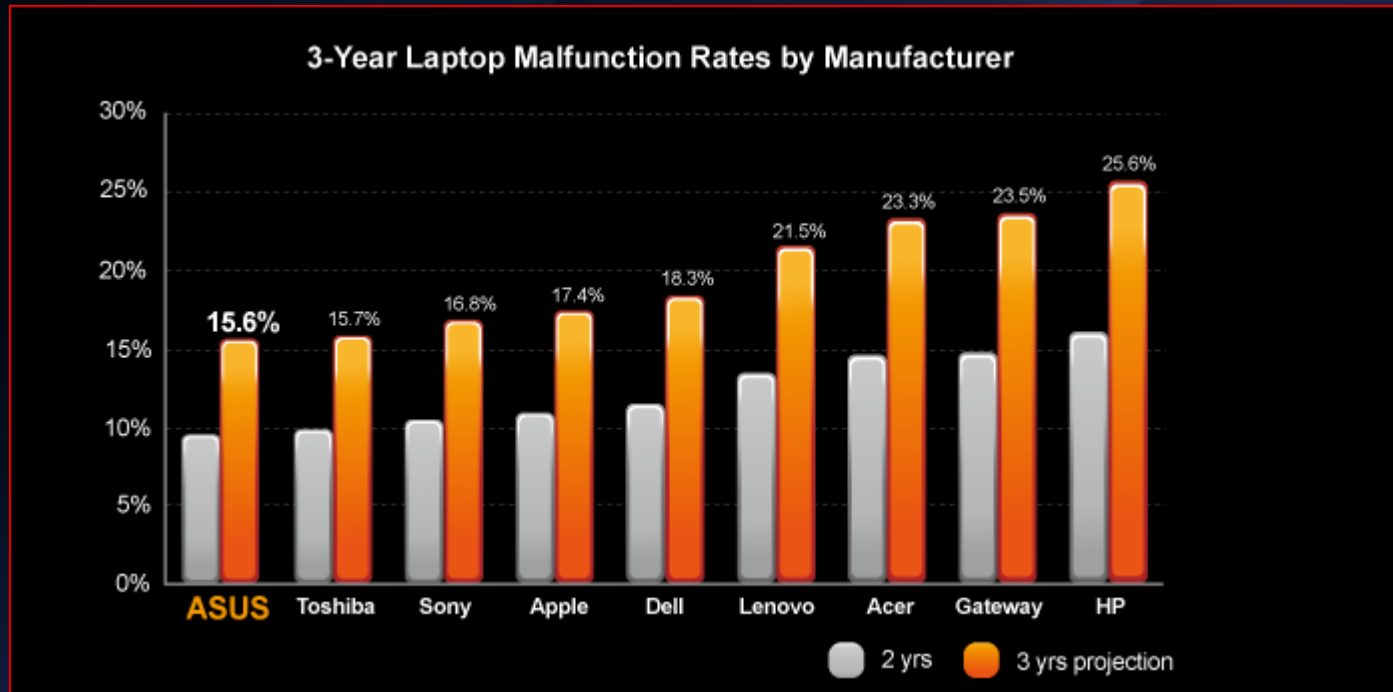
# Why Choose An ASUSTOR NAS?

Fast · Simple · Reliable

# The Most Reliable Brand

## Asus is No. 1 in Reliability

- Survey of 30,000 notebook lists, ASUS at the Top of the Reliability Rankings





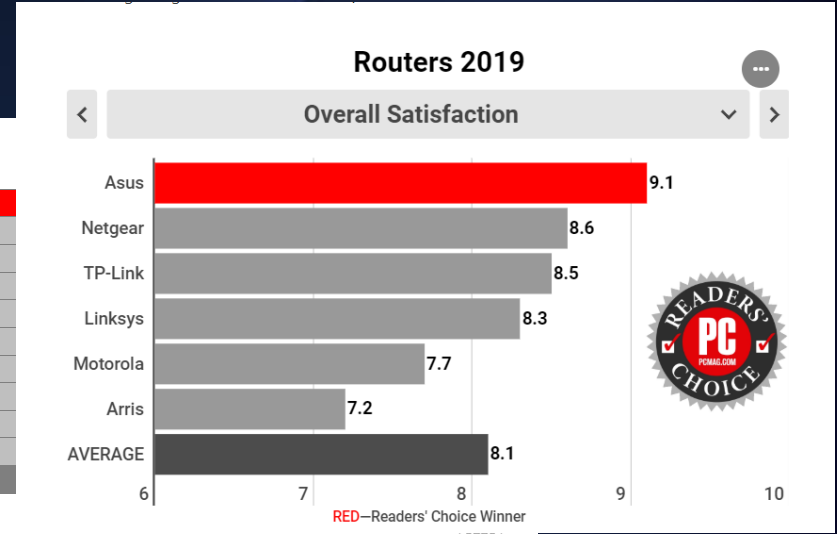
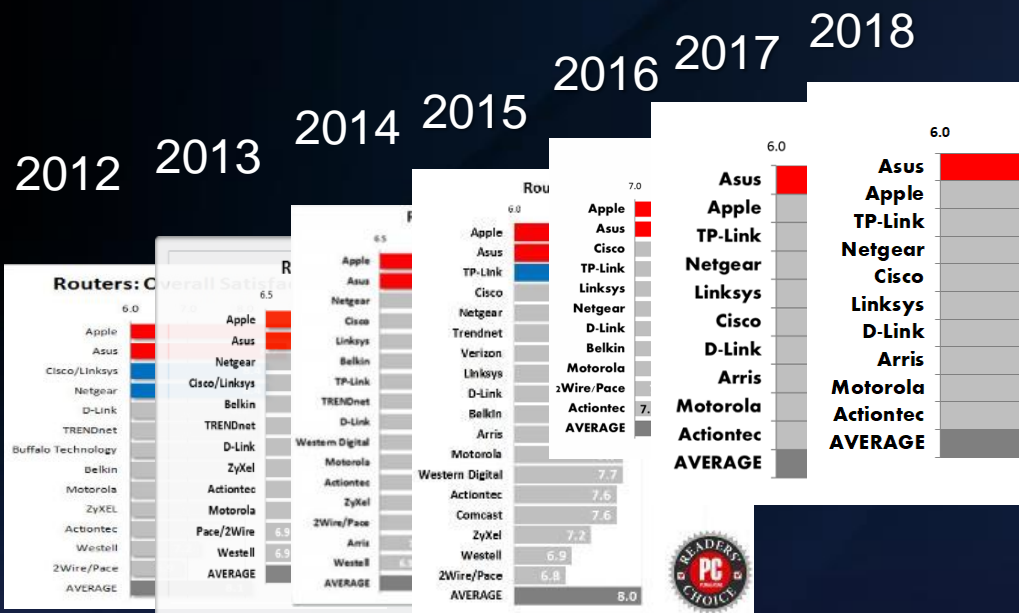
# The Most Reliable Brand

*ASUS is the winner of 2012-2019 in PCMag Readers' Choice*



- “Like Apple, only one percent of the routers needed repair in the past year and Asus customers are eager to advise others to purchase an Asus router”

## 2019





# The Most Reliable Brand

- ASUSTOR inherits same system design concept and uses the best quality components
- ASUSTOR NAS failure rate over 3 years is less than 0.5%



"The AS5002T that was tested (along with a NAS initialization test with AiMaster Android version) is a quality product, perfectly designed around an Intel architecture."

CacheM, France



"Good performance, lots of features, quality housing and excellent cooling solution. "

MB Magazine, Finland



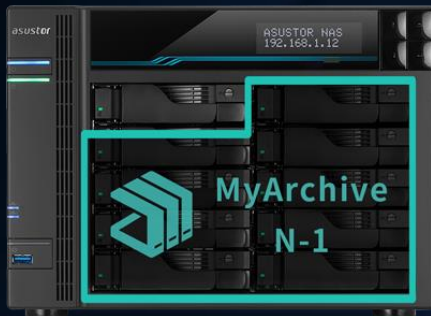
It delivers a fine combination of features, performance, build quality and value, and it makes an excellent choice for small businesses."

PC Pro, UK

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# Lots of Reliable Features

- MyArchive cold storage backups
- Snapshot Center, Cloud Backup Center, DataSync Center
- Ransomware Protection
- Complete iSCSI/IP-SAN and NFS support
- VMware, Citrix and Hyper-V ready
- Supports Virtualization and Docker apps
- Power Saving Design –Sleep mode/WOL/WOW/Night mode



# Reliable Storage

## System Migration

When NAS hardware fails or you want to upgrade to a new NAS, just **unplug** the hard drives and **put them into** a new NAS.

From entry models to higher range models or vice versa, all can be migrated. **A unique feature to ASUSTOR!**



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# Reliable Data Backup

## Complete backup solutions

PC ↔ NAS  
mobile ↔ NAS  
NAS ↔ NAS  
NAS ↔ clouds



## Two Way Backup **MIS Favorite**

Push and Pull Backup, MIS can centrally manage all backup tasks.

## Mission Mode **Exclusive**

Retry backup tasks based on frequency or time interval to ensure backup success.

# Reliable Data Backup

**EZ Sync** Exclusive

Dropbox like personal cloud tool.

PC ↔ NAS



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# Reliable Data Backup

## Internal backup

- Fully utilizes internal SATA's **6Gbps** speed
- Scheduling to **MyArchive** disks makes a perfect off-site backup
- Supports AES 256-bit encryption
- Decryption via physical USB key

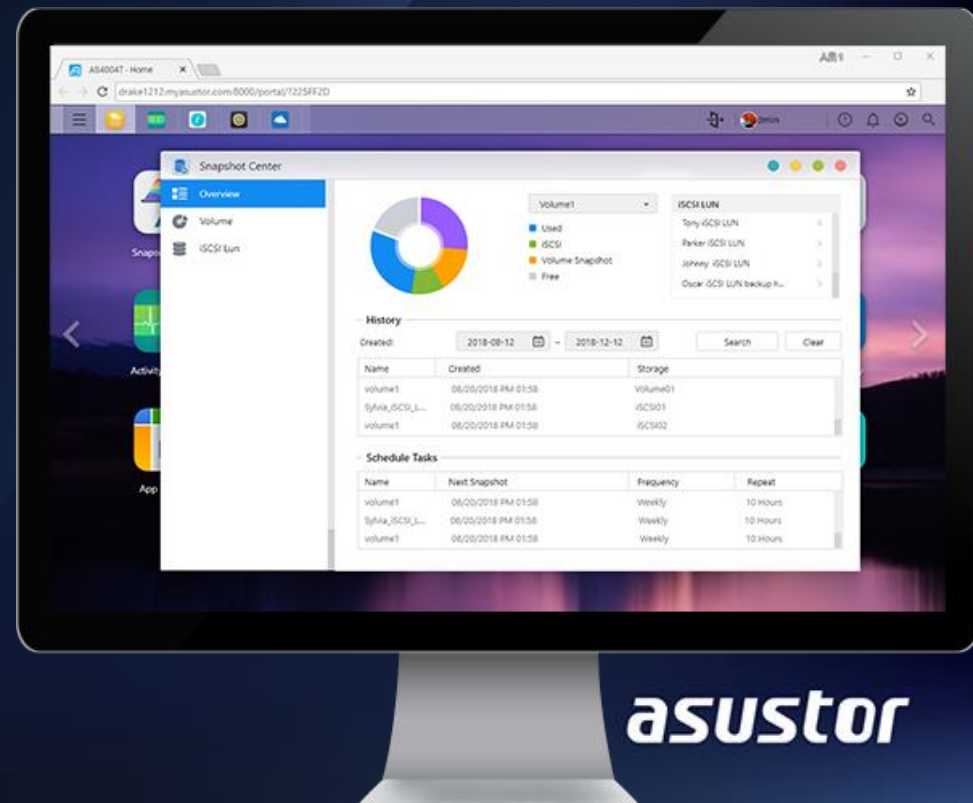


# Reliable Data Backup

## Snapshot Center Backup

- Btrfs Snapshots
  - Backup data every 5 minutes
  - Up to 256 snapshots
- iSCSI LUNs

Your crucial data can be **restored quickly** from malicious attacks and ransomware!



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# Reliable Data Backup

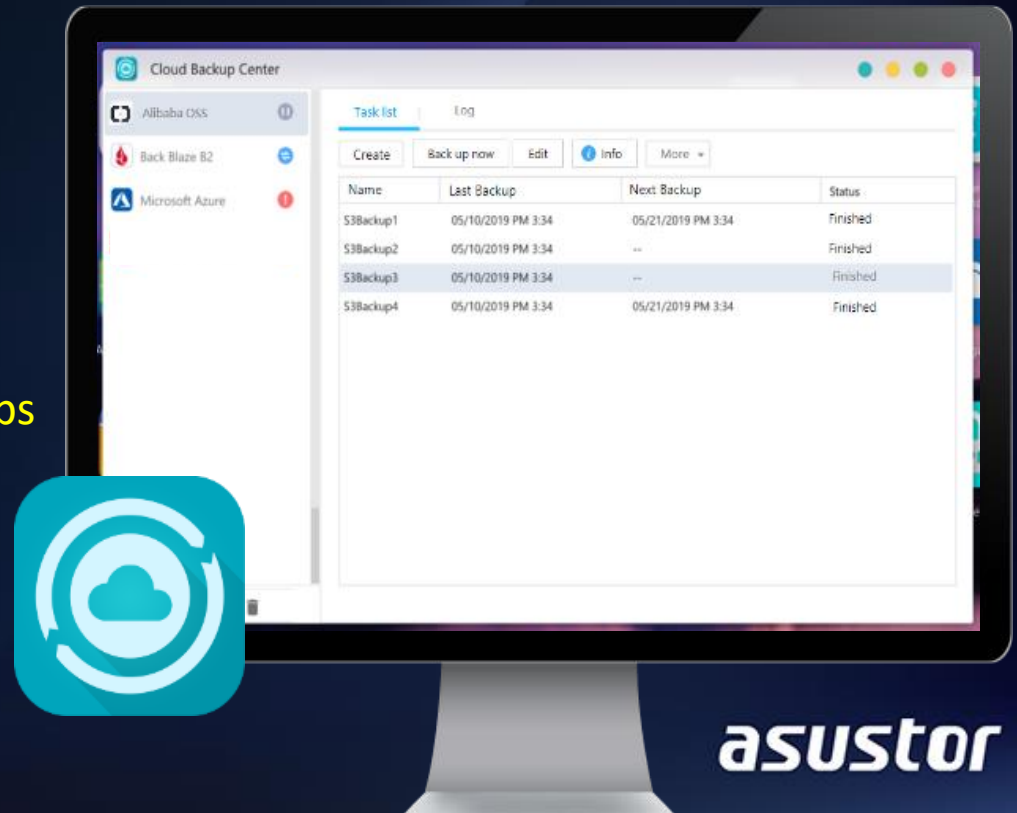
## Cloud Backup Center

### Combine multiple business cloud services

- Backblaze B2, Microsoft Azure Blob Storage, Alibaba Cloud

### Instant backups and scheduled backups

Create a hybrid clouds to protect and secure your data from public cloud outages



Beta

# Reliable Data Backup

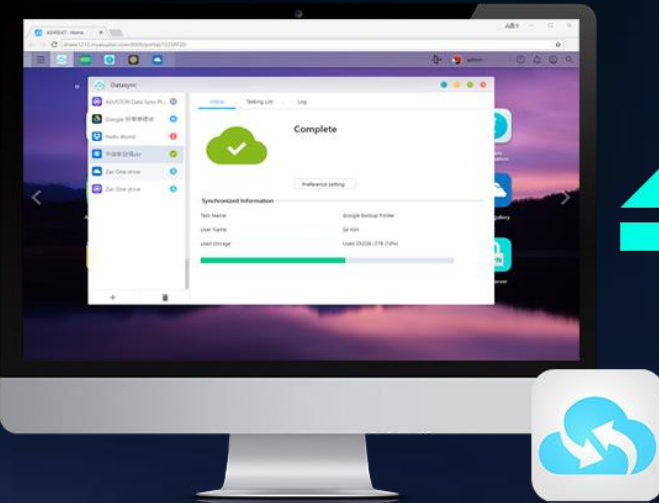
## DataSync Center

Combine multiple public sync services

Google Drive , Dropbox , OneDrive, ASUSTOR NAS (EZ Sync)

Synchronization for multiple tasks and accounts. Scheduled synchronizations supported.

Create a hybrid cloud, protect and secure your data from public cloud outages



Dropbox



OneDrive



Google Drive



ASUSTOR NAS

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# Reliable Data Backup

## iSCSI & Virtualization Solutions

ASUSTOR understands that stable and high performing shared storage is a must for virtual environments.

**iSCSI** and **NFS** support on the ASUSTOR NAS allows you to seamlessly integrate with any existing IT environments.



Compatible with VMware, Citrix, Hyper-V virtual storage environments.



# Reliable VM Solution

## Virtual Applications with Virtualbox

Deploy all kinds of operating systems to your NAS

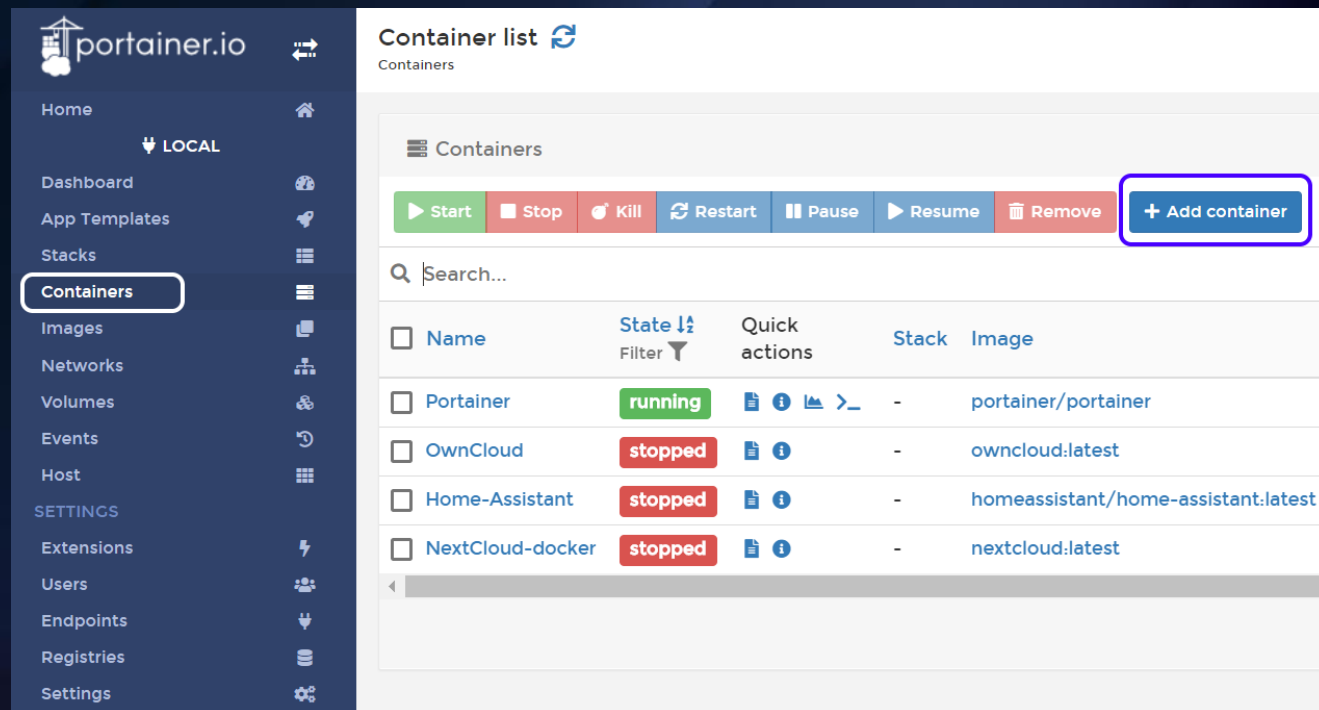


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# Reliable Docker Solution

## Portainer– Docker Hub Application Tool

- More possibilities for ADM.
- Run thousands of images created by developers from Docker Hub on ADM.



The screenshot displays the Portainer web interface. On the left is a dark blue sidebar with navigation options: Home, LOCAL (with a dropdown arrow), Dashboard, App Templates, Stacks, Containers (highlighted with a white border), Images, Networks, Volumes, Events, Host, SETTINGS, Extensions, Users, Endpoints, Registries, and Settings. The main content area is titled 'Container list' and shows a table of containers. Above the table is a toolbar with buttons for Start, Stop, Kill, Restart, Pause, Resume, Remove, and a highlighted '+ Add container' button. Below the toolbar is a search bar. The table has columns for Name, State (with a filter icon), Quick actions, Stack, and Image. The containers listed are: Portainer (running), OwnCloud (stopped), Home-Assistant (stopped), and NextCloud-docker (stopped).

<input type="checkbox"/>	Name	State Filter	Quick actions	Stack	Image
<input type="checkbox"/>	Portainer	running		-	portainer/portainer
<input type="checkbox"/>	OwnCloud	stopped		-	owncloud:latest
<input type="checkbox"/>	Home-Assistant	stopped		-	homeassistant/home-assistant.latest
<input type="checkbox"/>	NextCloud-docker	stopped		-	nextcloud:latest

# Infinite Expansion

## MyArchive: An ASUSTOR **Exclusive** Feature

### NAS hard disks on the go

- Infinite capacity expansion
- Share and rapidly transfer immense amount of data



# Reliable Protection

- Protects data security
- Protection on all levels from inside and out
- Network protection
  - Firewall
- Secure data transmission
- Cold storage
  - Encryption
- Access control
  - Two-step verification



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# Ransomware Protection



- ADM up to date
- Multiple forms of automatic protection, like Btrfs snapshots in Snapshot Center
- Default administrator account can be replaced.
- Prevent suspicious activities with blacklists and a powerful firewall.
- Ability to disable SSH and Terminal services
- Custom ports can be set
- Offline backups, such as MyArchive with AES 256bit encryption.



# Power Saving Design

Sleep mode/WOL/WOW/ Night mode

Money and Power Saved



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# Power Saving Design

## System Sleep Mode (S3)

power savings of up to **95%**  
when compared with normal operation

**Instant wake** in **1.5 seconds**.

## The first of its kind

*ASUSTOR NAS is the first NAS in the world to feature S3 which prolongs MTBF (lifespan) and also conserves energy.*



# Power Saving Design

Exclusive

## System Automatically Enters Sleep Mode

NAS automatically enter system sleep mode after it has been idle for specified period of time – Ultimate Power Saving!



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# Power Saving Design

## WOL (Wake on LAN) Always on Standby

WOL (Wake on LAN) allows you to wake the NAS from sleep mode or when its powered off as long as you are in the same network.



# Power Saving Design

Exclusive

## WOW (Wake on WAN) Always on Standby

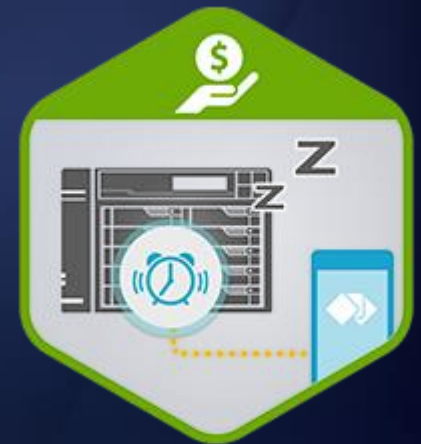
NAS Simply use ASUSTOR's wide variety of mobile apps, including but not limited to AiMaster, AiMusic, AiVideos and AiData to **turn the NAS on or off remotely.**

Helps prevent attacks and protect data.



Power outage management

Saves electricity



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\*Supported models: AS52/53/63/64/65 series



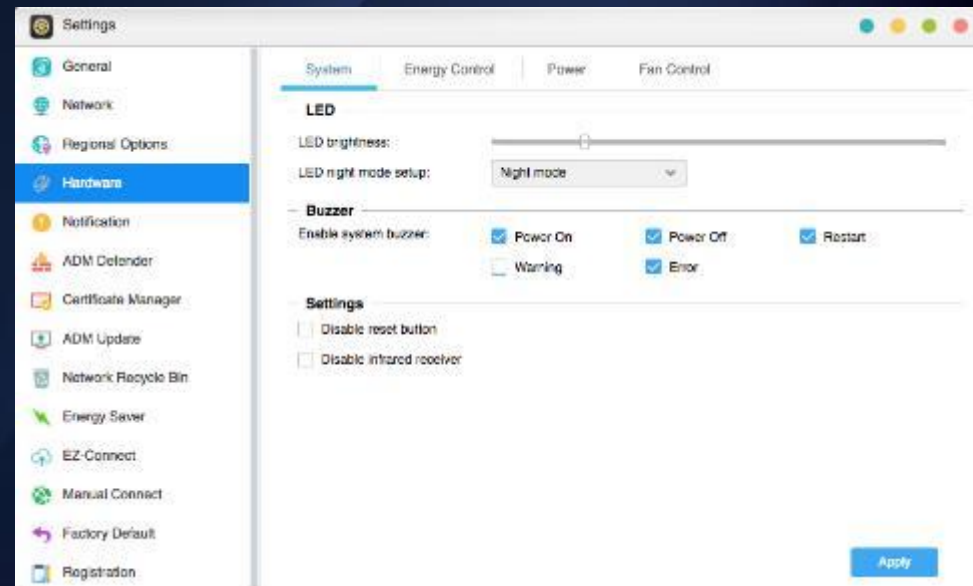
# LED Night Mode

*Its late at night and your NAS is transferring data in the dark at blazing speeds. But those flashing hard drive LEDs and system LEDs are so annoying...*

**Exclusive**

## ASUSTOR Night Mode is the answer

Total peace of mind, ASUSTOR Night Mode even comes with a schedule setting



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# Exclusive 3 Year Warranty

- ASUSTOR offers an exclusive **3 year warranty on all its products** to further endorse product reliability and enhance product value.





**More Features  
To be Discovered**

# File Editing and Project Collaboration

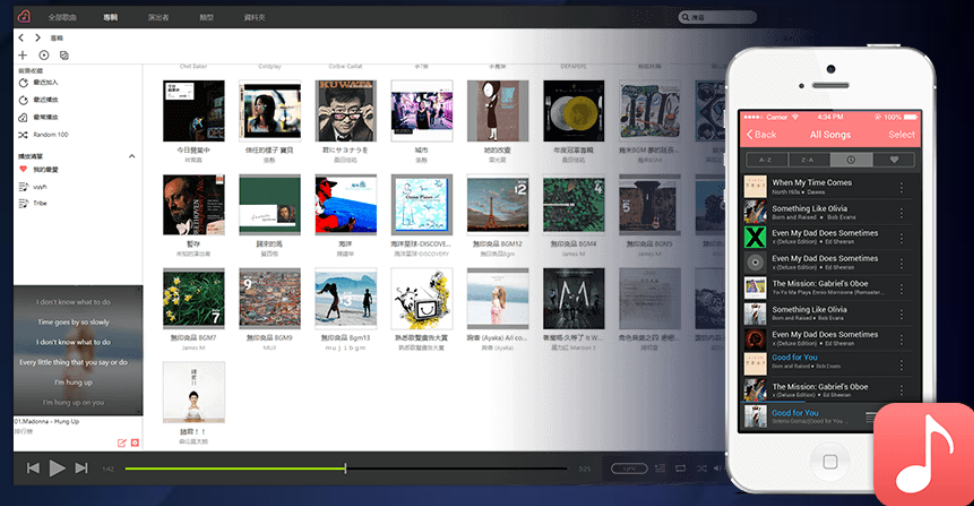
NextCloud and OnlyOffice make collaborating on projects easier than ever.



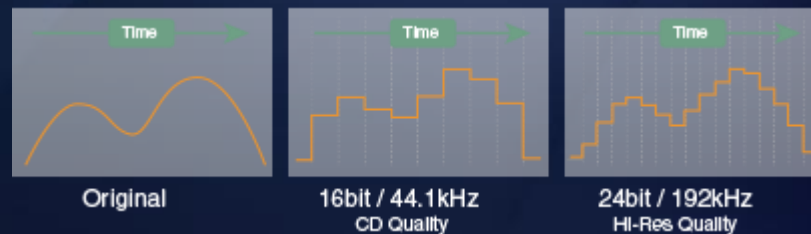
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# Music Never Sounded So Good

- ASUSTOR SoundsGood
- Hi resolution music
- Stream music on AiMusic



Sampling frequency up to 24bit/192kHz  
Far beyond CD and MP3 music



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# Watch Your Movies Again and Again

- Movies on LooksGood
- AiVideos on mobile devices
- Stream to mobile devices
- Supports Chromecast, Apple TV and DLNA



# 5 Photos at a Glance



## Photo Gallery

Unique Pinterest-style  
album cover design



Beta

# Photo Gallery 3 and AiFoto3

All new UI, simpler and more natural for a variety of devices



- Take advantage of all-new timelines
- Smart photo sharing
- 360° panorama features



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# Mobile Apps

EZ Connect with Cloud ID/Pass code lock /HTTPS connections







**Awards and high reviews**

# AS1002T

*“Based on the performance, specifications and features, we are impressed the most by the ASUSTOR AS1002T. The AS1002T is the 'true' winner of this test.”*

*– Hardware.Info, Netherlands -*



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# AS3102T

*“The ASUSTOR AS3102T is a basic NAS that fulfils all a user needs. A solid performance from great hardware powered by a good operating system.”*

*– eTeknix, UK -*



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# AS3102T



*“The ASUSTOR AS3102T is the standout system in the roundup because the company continues to deliver more for less. This NAS delivers the highest performance, supports iSCSI, encrypted folders, and features the best HDMI implementation. The 3-year warranty is the longest of any product in the roundup. If using my money, this is the system I would buy.”*

*– Tom’s Hardware, US -*

# AS3202T

*“This NAS from ASUSTOR will get noticed for its performance and the opportunities it offers. The performance level is very good and the design is elegant.”*

*– IT-Connect, France -*



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# AS6104T



TECHGAGE

Editor's Choice ✓

*"The ASUSTOR AS6104T could replace your Home Theatre PC while providing heaps of storage for the rest of the home. A NAS consumes less power than an HTPC yet provides a majority of what a fully realized computer can. I'll argue with anyone that a NAS like the AS6104T can replace almost all HTPCs sitting in the entertainment centers of users today."*

– Techgage, US –



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# AS6202T

*“The ASUSTOR AS6202T is a solid NAS appliance and quite possibly the quickest two-bay appliance we have tested which makes sense as this unit appears to share the same configuration with its four-bay counterpart.”*

*– TweakTown, US -*



# AS6202T



*“This ASUSTOR AS6202T is currently the fastest and most complete NAS we've tested to date. Taking into account the technical characteristics, the performance achieved and the price of equipment, the final assessment from RedesZone is: a 10/10 score with the highest recommendation.”*

*– Redeszone, Spain -*



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# AS6302T

"ASUSTOR AS6302T is an awesome 2-bay NAS with power under the hood."  
"With optical audio output and HDMI 2.0 for future-proofing the server for 4K material and seemingly a lot of raw power to carry out the tasks along the way, the ASUSTOR AS6302T can without a doubt be recommended to the more serious NAS enthusiast."

– Tweak, Denmark –



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# AS6404T

" The AS6404T's standalone capabilities and powerful internals mean there's bags of headroom for it to take on new roles and services as your needs evolve – and ultimately, that's what makes this our Labs winner. "

– PC PRO.UK –



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# The Best NAS (Network Attached Storage) Devices for 2019

Product	Asustor AS5202T	Asustor AS5304T	QNAP TS-251B-4G	Synology DiskStation DS718+	Synology DiskStation DS1019+
Lowest Price	\$329.00	\$479.00	\$306.99	\$399.99	\$639.99
Editors' Rating	EDITORS' CHOICE	EDITORS' CHOICE	EDITORS' CHOICE	EDITORS' CHOICE	EDITORS' CHOICE

<https://www.pcmag.com/roundup/294930/the-best-nas-network-attached-storage-devices>

AS5202T, AS5304T and the AS4002T have had the honor to be listed as among PC Mag's 10 Best NAS devices of 2019. The AS5202T and AS5304T are in the top five and were granted the Editor's Choice award.



# AS5202T



"If you're looking for a two-bay network-attached storage device for your home that offers beefy hardware specs and speedy performance, the Asustor AS5202T is an excellent choice. Its dual 2.5Gb LAN ports (5Gb with link aggregation) and powerful 4K video-transcoding hardware provide plenty of muscle for 4K video streaming, and its tool-less enclosure and user-friendly ADM operating system make this NAS easy to install and manage. It also offers numerous apps that let you use it for multiple applications such as a media server, a surveillance station to manage your IP camera network, a cloud server, and more. Moreover, it's a fast performer, and earns our Editors' Choice. "

– PC MAG.COM –

**PC**

PCMAG.COM

**EDITORS'  
CHOICE**

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**asustor**

# AS5304T



"The Asustor AS5304T is an excellent choice for users seeking a versatile network-attached storage device that can stream 4K video, serve music, store large blocks of data, and provide a total network backup solution. It may be pricey, but it's equipped with high-end components and delivers fast file-transfer performance. And its user-friendly ADM operating system makes it easy to install, configure network settings, manage backup routines, and monitor disk health. Throw in a robust catalog of apps that let you use the device in a multitude of ways, and you've got our new Editors' Choice for multi-bay NAS devices. " – PC MAG.COM –

**PC**

PCMAG.COM

**EDITORS'  
CHOICE**

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**asustor**

# AS4002T



"The Asustor AS4002T is a solid choice for home users seeking a powerful dual-drive NAS device with a wealth of branded and third-party apps. Its tool-free design and hot-swap support make it easy to remove and replace drives when needed, and it's simple to install and manage. Its link aggregation and 10Gb Ethernet offer the kind of bandwidth potential usually found on more expensive NAS devices, and its performance is rock solid. Despite its lack of multimedia ports and slight hum, the AS4002T should be at the top of your list when choosing a home or home office NAS solution. " – PC MAG.COM –

**PC**

PCMAG.COM

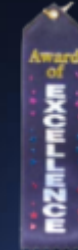
**EDITORS'  
CHOICE**

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