asustor

DRIVESTOR 4 PRO Gen2
AS3304T v2

Multimedia Transcoding
Btrfs Support
Maximum Value

- Realtek RTD1619B Quad-Core CPU
- 1x 2.5 Gigabit Ethernet
- 2GB DDR4 RAM
- USB 3.2 Gen1 ports

- Enjoy, download, upload and stream content with 4K decoding
- Btrfs/iSCSI Snapshots
- Supports Wake on LAN and Wake on WAN

Realtek Quad-Core

4K Transcoding

2.5-Gigabit Ethernet

2GB DDR4

Performance King

Boundless Functionality

Intuitive UI

Incredible Value

3 Year Warranty

All-New Hardware

- All-New Realtek RTD1619B Quad-Core Processor at 1.7 GHz
- 2.5-Gigabit Ethernet
- 2 GB DDR4 RAM
- Supports Wake on LAN and Wake on WAN

SMB (RAID 5) Windows Sequential

287 MB/S
Read

293 MB/S
Write

CPU and iGPU Upgrades

The Drivestor Pro Gen2 contains a 1.7 GHz CPU, which is faster than the 1.4 GHz found in the first generation of Drivestor Pro NAS devices. The upgraded CPU also contains an upgraded iGPU that provides significant upgrades in transcoding features and performance, making the Drivestor Pro Gen2 the best price-performance NAS.


Upgraded powerful internal display, smooth decoding of 4K videos

The all-new CPU inside the Drivestor Pro Gen2 is not only faster, it also improves hardware decoding. The CPU inside the Drivestor Pro Gen2 series not only supports 4K decoding of H.264, H.265, but also supports the latest AV1 codec. AV1 is more efficient by allowing higher video quality for the same file size or equivalent quality with lower file sizes.

## Data Protection Starts with Storage

ASUSTOR understands that your data is priceless, therefore an ASUSTOR NAS provides different RAID volume options, giving your data various levels of protection from the moment it is first stored on a NAS. We recommend you plan your storage protection based on your NAS model and number of hard drives. Data protection has never been so simple.
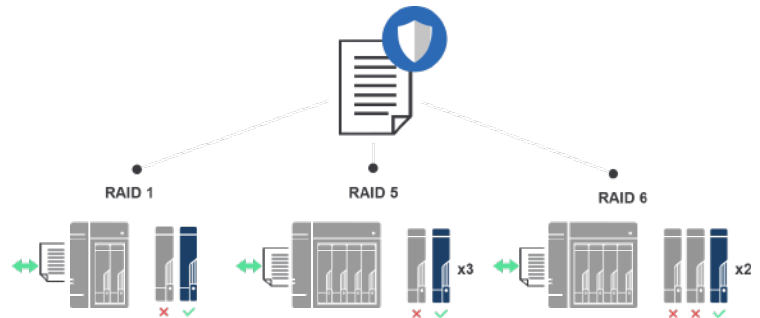
	Single	JBOD	RAID 0	RAID 1	RAID 5	RAID 6	RAID 10
Minimum Number of drives	1	2	2	2	3	4	4
Fault tolerance (Number of drives)	X	X	X	1	1	2	1
Increased transfer rates	X	X	V	X	V	V	V
Maximum Use of Storage Space	V	V	V	🖴 x ½	🖴 -1	🖴 -2	🖴 x ½

2.5-Gigabit Ethernet

The DRIVESTOR Pro Gen2, despite being extremely affordable contains 2.5-Gigabit Ethernet and more than doubles the performance of comparable Gigabit-class devices.
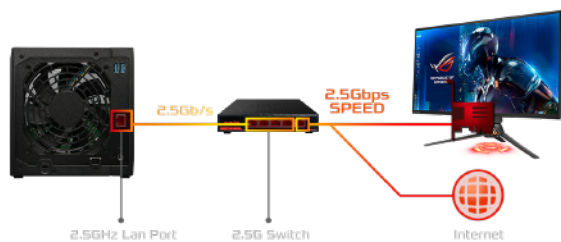
Hot-Swappable Tool-free Trays

Install hard drives easily with the included tool-free trays that also support hot swapping.

Silent, Yet Powerful

Only 19dB on standby. Quieter than a mouse - suitable anywhere.

Dr. ASUSTOR

Dr. ASUSTOR monitors your ASUSTOR NAS for abnormalities and keeps check on a variety of settings and data health points in your NAS to ensure your NAS is running well and makes recommendations to help better protect your data.

Holistic Backup Solution

-MyArchive
-Snapshot Center, Cloud Backup Center, DataSync Center
-SMB Backup, FTP Backup, Rsync
-USB One Touch Backup
-Expansion units

Computer data to NAS   Transfer mobile data to NAS   NAS local backup

Public cloud and NAS data backup   NAS to NAS   NAS backup to external device

Upgraded Security

ADM 4.2 eliminates suspicious behavior and is able to remove or isolate problematic files or viruses in real time. It also incorporates multiple new security measures. Every time you log into ADM and AiMaster, your NAS will detect and provide real-time information for immediate optimization.

Smarter Stability

When your system volume usage approaches 100%, system performance and stability may decrease. ADM strengthens management and monitors your system storage space usage to keep the NAS stable and fast. When usage rates approach 95%, Snapshot Center, in addition to other stability measures in ADM, adds an option to prevent storage space from being completely used up by deleting older unlocked volume snapshots to preserve data integrity while maintaining system stability.

Protected from the Inside and Out

ASUSTOR NAS ensures data security by creating an in-depth data protection plan that protects your data from the inside out. Utilization of a multi-layered deployment scheme allows for extra system and data protection.

Internal Data
-AES-256 folder encryption
-Antivirus software
-MyArchive

Secured Data Transmission
-VPN connection
-SSL certificate connection
-Automatic logout

Access Control
-File/Folder/App Isolation
-2-Step Verification
-Wake-on-LAN (WOL)
-Wake-on-WAN (WOW)

Network Attack Protection
-Firewall
-ADM Defender

Wake on LAN and Wake on WAN – Always on Standby

Save power and money with Wake on LAN and Wake on WAN. ASUSTOR NAS features Wake on LAN and Wake on WAN to allow your NAS to power off when not in use and be woken up with a click. Use Wake on LAN when you are on the same network as the NAS while Wake on WAN is for when you are away from the NAS. Wake on LAN and Wake on WAN also protect against attacks by only waking up to your demands.

Safer and Easier Scheduled MyArchive Backups

ADM now supports automatic mounting and dismounting of MyArchive drives when backing up important data from an ASUSTOR NAS to a MyArchive drive. ADM will automatically mount a connected MyArchive when a backup begins, and automatically eject a MyArchive drive after the backup is complete. In addition to making performing 3-2-1 backups easier than ever, MyArchive drives are more comprehensively protected from various threats due to a different set of risks that complement the risks to data on a NAS.

Automatic Sync

ASUSTOR EZ Sync brings the magic of cloud sync services right to your home. With an ASUSTOR NAS and EZ Sync, data can be synchronized anywhere with an internet connection without a monthly bill or a data limit. If data is unintentionally modified, restoration is easy with EZ Sync's automatic file history management feature.

Snapshot Center

Snapshot Center allows ASUSTOR NAS devices to utilize Btrfs and iSCSI volumes to take snapshots of the information inside a NAS. Snapshot Center supports up to 256 snapshots of a volume and can be done every five minutes, creating a backup that can be restored easily if data is damaged or lost.
MyArchive also now supports Btrfs and snapshots. Btrfs for MyArchive supports snapshots and version history to help protect against accidental deletions or modifications.

Comprehensive Surveillance System

ASUSTOR NAS provides optimal reliability for home and small businesses looking to set up a surveillance system. Four free camera channels are provided, making it an extremely cost-effective surveillance solution for users with smaller demands. The Drivestor Pro Gen2 supports up to 25 cameras with licenses sold separately. View surveillance feeds on Surveillance Center and its corresponding mobile app AiSecure. AiSecure also supports streams while on the go with an Internet connection.

5 Steps 60 Sec

- Quick installation wizard
- Automatic camera search
- Add cameras with just one click
- Configure video formats
- Configure recording schedules

Supports up to **25** camera channels

Photo Gallery 3 + AiFoto 3

The all new Photo Gallery 3 and AiFoto 3 have been revamped and brings a variety of new features to make photo organization easier than ever. New features for Photo Gallery 3 include, but not are limited to custom folder selection, timelines, smart albums, new photo modes and photo deduplication. Easily blow up photos to up to twice their size, play songs on slideshows, and customized share links make for an even better photo viewing and sharing experience.

Mobile Apps

ASUSTOR's EZ Connect allows you to connect to your NAS from anywhere with your smartphone to access and share your files. ASUSTOR's suite of mobile apps provide pass code locks to help protect your privacy and data. Make use of HTTPS connections for even more added security when using EZ Connect.

Hardware Specifications

DRIVESTOR 4 Pro Gen2 (AS3304T v2)

Processor	Realtek RTD1619B 1.7 GHz Quad-Core Processor
Memory	2GB DDR4 (non-upgradable)
Drive Bays	4x 2½"/3½" SATA III
USB	3x USB 3.2 Gen 1
LAN	1x 2.5-Gigabit (Wake On WAN)
Dimensions(HxWxD)	170x174x230 mm
Weight	2.2kg/4.85lb
Power	90W AC Adapter
Operation/Disk Hibernation	25.1W/8.4W
Volume Type	Single, JBOD, RAID 0/1/5/6/10

1. Power LED Indicator
2. System Status LED Indicator
3. Network LED Indicator
4. USB LED Indicator
5. Hard Disk LED Indicator

1. USB 3.2 Gen 1 Port
2. 2.5 Gigabit RJ-45 Port
3. Reset Button
4. DC Input
5. System Fan
6. K-Lock

Software & Features

Operating System
· ADM 4.2 Onwards
· Supports Online Firmware Updates

Supported OS
· Windows 7, 8, 10, 11,
  Server 2008, 2012, 2016, 2019, 2022
· macOS 10.6 Onwards
· UNIX, Linux, BSD

Access Control
· Supports 2-Step Verification
· Supports Batch Creation and Importation
  of ADM Accounts
· Maximum Number of Users: 4096
· Maximum Number of Groups: 512
· Maximum Number of Shared Folders: 512
· Maximum Number of Concurrent Connections:512
· Supports Windows Active Directory/LDAP

File Explorer
· Web-based File Management
· ISO File Mounting
· Task Monitor
· Thumbnail Previews
· Data Access via External Optical Drive
· Supports video playback
· Share Links quick upload

System Administration
· Log Types:
  System Log, Connection Log, File Access Log
· Real-time Online User Monitor
· Real-time System Monitor
· User Quota
· Virtual Drives (ISO Mounting, Maximum 16)
· UPS Support

Storage Management
· Supports Multiple Volumes with Spare Disks
· Volume Type: Single disk, JBOD, RAID 0,
  RAID 1, RAID 5, RAID 6, RAID 10
· Support for Online RAID Level Migration
· Support for Online RAID Capacity Expansion

Disk Management
· Scheduled Bad Block Scans
· Scheduled S.M.A.R.T Scans
· Seagate IronWolf Health Management

External Devices
· Supports USB External Storage Devices
· USB Wi-Fi Dongle Support
· Bluetooth Dongle/Speaker Support
· USB Printer Support
· USB DAC Support
· USB CD ROM Drive/DVD ROM Drive/BD-ROM

Network
· TCP/IP (IPv4 & IPv6)
· Jumbo Frames (MTU)
· VLAN
· EZ-Connect
· Wireless Network
· DDNS and EZ-Router
· Supports Wake-on-LAN (WOL)
· Supports Wake-on-WAN (WOW)

Network Protocols
· CIFS/SMB, SMB 2.0/3.0, AFP, NFS, FTP
  (Unicode Supported), TFTP, WebDAV, Rsync,
  SSH, SFTP, iSCSI/IP-SAN, HTTP, HTTPS,
  Proxy, SNMP, Syslog

Security
· AES 256-Bit Folder Encryption
· Firewall: Prevent Unauthorized Access
· Alert Notifications:
· Encrypted Connections: HTTPS,
  FTP over SSL/TLS, SSH, SFTP, Rsync over SSH
· Built-in Hardware Encryption Engine

Dr. ASUSTOR
· Security advice and health records

Backup Solutions
· Rsync (Remote Sync) Backup
· SMB Backup
· FTP Backup
· External Backup
· USBOne Touch Backup
· Cloud Backup
· EZ Sync

EZ Sync Manager
· Automatically synchronizes files
  between a PC and NAS
· Can restore previous versions of files
· Supports file sharing
· AiData now supports accessing EZ Sync files

Supported Browsers
· Firefox, Chrome, Safari, Microsoft Edge

Network Recycle Bin
· Share folder-based
· Maintains original directory structure
  and file permission
· On-click restore
· Supports scheduled emptying
· Filtering rules (1.File size 2.File extension)
· Deletion Settings (1.File size 2.File date)

Sever
· VPN server, SNMP server, RADIUS server,
  Syslog server, Mail server, DHCP server,
  Web server, FTP server, Print server, Rsync server

ACL
· Provides both Windows ACL and Linux ACL
  permission configuration methods
· Can enable Windows ACL for specific shared folders
· Comprehensive support for Windows' 13 types
  of advanced permission settings
· Can view Windows ACL permission settings
  from within ADM
· Supports local users and groups
· Exclusive permission reset function allows
  users to quickly restore default permissions

Snapshots
· Btrfs snapshots
· 256 snapshots
· iSCSI LUNs

Supported Languages
· Deutsch, English, Français, Italiano, Nederlands,
  Русский, 日本語, 한글, 简体中文, 繁体中文, Česká,
  Polski, Svenska, Dansk, Norsk, Suomi, Português,
  Türkçe, Español, Magyar

iSCSI/IP-SAN
· Maximum Targets: 256
· Maximum Snapshot Versions of a Single LUN: 256
· Maximum LUNs: 256
· Target Masking
· LUN Mapping
· ISO File Mounting
· Supports MPIO
· SCSI-3 Persistent Reservations

Featured Apps

· ClamAV Antivirus
· Download Center
· FTP Explorer
· DataSync Center
· Cloud Backup Center
· RADIUS Server
· Mail Server
· DataSync Center

· LooksGood
· Photo Gallery 3
· SoundsGood
· Surveillance Center
· UPnP Media Server
· VPN Client
· VPN Server

Mobile Apps

· AiMaster
· AiFoto 3
· AiMusic

· AiVideos
· AiData
· AiDownload
  (Android)

· AiSecure
· AiRemote

Dealer Seal