



AS6208T



AS3204T



More Than Just Storage

Discover the Extraordinary with ASUSTOR



Performance King



Boundless Functionality



Intuitive UI



Incredible Value





App Central: Unleash Unlimited Potential of NAS

- 19 categories, over 200 various apps
- Download and install all the Apps you need to create your own unique NAS
- Create a dedicated enterprise storage server using a rich variety of business Apps
- Build your home entertainment center with digital multimedia Apps
- Easily constructing a property-secured cloud with ASUSTOR Surveillance app



Strengthen ADM Account Security

2-Step verification provides additional security for your ADM account. After configuration, in addition to your ADM account password, you will also need a phone verification code to sign in to ADM. With 2-step verification, you can protect ADM account privacy and ensure data security with both a password and your personal mobile device.



Fresh and Vibrant User Interface

- Customizable sign in page to express your personal style or corporate identity
- Clean and crisp design makes ADM easier and more pleasant to use
- True multitasking and background operation
- Supports 20 languages



Supports Let's Encrypt

The Certificate Manager in ASUSTOR NAS can directly connect to Let's Encrypt to generate a valid certificate and install it automatically. This helps you to enhance NAS security with an SSL connection in a fast and easy way at zero cost.



Every File Deserves a Second Chance: Network Recycle Bin

- Shared folder based deployment for flexibility
- Easy file search and recovery
- Retains original directory path and file permissions
- Supports emptying schedule and file filters

Exclusive



An Industry First: Searchlight

Searchlight provides quick and precise searches, increasing your efficiency and productivity.

- Quickly find files, directories and NAS functions
- Support for fuzzy searches

Exclusive



MyArchive: NAS Hard Disks On the Go

The MyArchive function allows you to use hard disks as removable storage archives. Enjoy "plug and play" convenience as you swap between different data collections.

- Number of MyArchive disk bays: N-1
- Self-defined alias name for each MyArchive drive
- Supported file system formats: EXT4, NTFS, HFS+
- Supports AES 256-bit encryption in EXT4 format
- Supports USB device binding as a physical encryption key



Ultimate Home Multimedia Center

Install additional multimedia server Apps such as UPnP Media Server, iTunes Server and MiniDLNA giving your NAS the ability to stream multimedia content to your computers, TVs and mobile devices.



The Dynamic ASUSTOR Portal

Connect your NAS to your TV via HDMI and immediately access ASUSTOR Portal. Further combine it with an audio amplifier and experience the crystal clear sound of high resolution multi-channel audio. Get ready to enjoy your favorite digital entertainment like never before.

Electrifying Multimedia with Kodi

Gather your family and friends, open up ASUSTOR Portal and Kodi and choose the movie you want to watch!

Optimized YouTube Performance

Enjoy enhanced YouTube performance via Chromium's hardware acceleration. Smoothly watch 1080p videos on YouTube without any delay.

Mobile YouTube Video Playback

After installing Media Cast from App Central, the Media Cast button will appear when using YouTube on your phone or tablet. Tap on this button and then select ASUSTOR NAS. You will now be able to use your phone or tablet to select videos and then have them played on your TV via your NAS's HDMI connection.

Browse a Variety of Websites

In addition to pre-loading Netflix and YouTube, ASUSTOR Portal allows you to browse even more websites to enjoy videos, chat and keep up with the news after installing URL-Packs.

Classic Fun

Download video game system emulators (SNES9X, PPSSPP) from App Central and enjoy a blast from the past!

Mobile Virtual Machines

In addition to using virtual machines locally via HDMI, you can also remotely use ADM to open already installed operating systems in VirtualBox or use any mobile device (notebook, phone, tablet) as your mobile virtual machine.



Your Dedicated Cinema: LooksGood

Create a multimedia database in 3 easy steps. Scheduled digital TV recordings ensure that you will never miss your favorite shows again. Browse through your media using the brilliant poster wall interface and select any movies for immediate streaming. Support for real-time transcoding ensures a smooth online playback experience. Furthermore, exclusive Hyper-Transcoding technology provides a tenfold increase in file conversion speeds allowing multimedia files to be smoothly streamed to AiVideos on your phone. You'll never be bored on your commute again!

- * Hyper-Transcoding is available on: AS2TE / 3 / 31 / 32 / 50 / 51 / 61 / 62 / 70 series devices
- * Supports Windows Edge, Chrome, Firefox, and Safari (Mac) Web browsers
- * When using Firefox on Windows, installation of the VLC media player browser plug-in (version 2.2.1) is required.
- * Supported external subtitle file formats: srt, ass, ssa, vtt; Transcoded subtitles will appear in the srt format.
- * Hardware transcoding adds support for the newest H.265 (HEVC) video codec.



Non-stop Audio Enjoyment with SoundsGood

SoundsGood has collected all your favorite songs and albums for you. Share your favorite playlists with friends and stream music directly from your NAS to your mobile device after installing the free AiMusic app.

Hi-Res Player for Your DSD Audio

ASUSTOR continues to lead the industry and is the only brand in the world to support 11.2 Mhz high resolution audio output. This provides a breathtaking listening experience that allows you to hear the subtle details and full dynamic range of your favorite music as if you were enjoying a live performance.



Photo Gallery 2.0 Keeps Your Memories Alive

Photo Gallery is able to display the thousands of photos and videos on your NAS. The album and browse viewing modes, support for multi-level folder structures and sorting easily keep your photos and videos organized. The interactive comment section and one-click sharing to social media allows you to stay connected and share with family and friends. The free AiFoto mobile app also provides instant backup of any photos you take.



AD + ACL



ADM features built-in Windows AD support. Once an ASUSTOR NAS has been successfully added to a Windows AD domain, AD users will then be able to use their own AD accounts to log in to and access the NAS. Windows AD support combined with ACL allows IT professionals to use the familiar Windows user experience to quickly configure shared folder access rights for users and groups on an ASUSTOR NAS. Furthermore these settings can be applied to Samba, File Explorer, AFP, NFS, or WebDAV allowing businesses to maintain flexibility and security with regards to data access.

Batch Creation of ADM Accounts

Via ADM's batch creation function, you can quickly create multiple regular sequential user accounts (e.g., student numbers). With regards to irregular non-sequential account creation, you can enter account data into a text file (*.txt, *.csv) and then import it into ADM to create accounts.

Added Data Protection While Maintaining High Performance

AS70/61/62/31/32/10 series devices utilize CPUs with built-in hardware encryption engines. This allows the system to maintain high speed data transfers even after enabling data encryption, while not greatly increasing the load on the CPU. This allows you to employ enterprise-class data encryption while maintaining first-rate system performance.

AS7010T non-encrypted/encrypted data transfer comparison table:

	Single Gigabit LAN		Single 10GbE LAN	
	Read (MB/s)	Write (MB/s)	Read (MB/s)	Write (MB/s)
Non-encrypted	112.86	112.50	514.46	749.31
Encrypted	112.63	112.32	510.54	536.54

Evolved Network Defender

- Provides Auto Black List to block brute-force attack attempts
- Trusted List can prevent trusted IP addresses from being automatically blocked in the event of too many inadvertent login failures
- Black and White List can be defined by specific IPs, IP ranges, and geolocation



Worried about leaving your home unattended? Surveillance Center allows you to simultaneously monitor live feeds from multiple IP video cameras, take snapshots and control the pan, tilt and zoom functions of all cameras giving you complete peace of mind.

Cross-Platform Browsing

No matter if you are using a PC or Mac, you can still use popular Web browsers for seamless operation.
* Supports Chrome, Microsoft Edge, Internet Explorer, Firefox on Windows and Safari and Firefox on Mac OSX

Multi-Stream

Want high resolution recordings but worried about choppy video when viewing surveillance feeds remotely? Surveillance Center now supports 3 independent video streaming modes*, allowing administrators to configure default resolutions for recordings and viewing feeds remotely. Users can select appropriate resolutions based on network bandwidth and the number of channels that they are viewing, optimizing video streaming under different network bandwidth limitations.
* Number may vary according to camera brand.

Smart Passive & Active Recording Modes

Surveillance Center provides a variety of passive and active recording modes, no matter if you require, scheduled recording for a specific time period, or recording only once an event has occurred, Surveillance Center is able to meet your needs.

Instant Notifications

The comprehensive event notification system allows you to configure push notifications, emails or SMS messages according to individual cameras and events. When a specified event occurs, the system will immediately send a notification to you.

DHCP Server: Automate the IP Assignments

- Each LAN port can be configured as an independent DHCP server
- Supports multiple IP subnets assignment
- Supports DHCP reservation



Virtualization Ready

iSCSI and NFS support on ASUSTOR NAS devices allows you to seamlessly integrate with any existing IT environments.
VMware ready: AS50/51/6/61/62/70 series
Citrix ready: AS50/51/6/61/62/70 series
Hyper-V ready: All ASUSTOR NAS series



iSCSI LUN Snapshots

- Almost instantaneous snapshot creation and restoration
- No extra load on the system
- Saves time and storage capacity
- Each LUN supports 256 snapshot versions
- Move between snapshot versions with ease
- Supports scheduled iSCSI LUN snapshot



Complete Data Backup Solution

- FTP, Rsync for 2-way backup and secured data transfers
- Exclusive mission mode effectively increase rate of successful backups
- Internal backup completely utilizes the SATA interface's 6Gbps high speed transfers
- Internal backup + MyArchive = perfect offsite data protection
- Multiple choices for cloud backup: Amazon S3, Google Drive, HiDrive, Dropbox, OneDrive
- Data backup center for Windows and Apple computers
- USB One Touch backup



Automated Event Action Rules

The automated event action rules allow administrators to customize alarm handling rules. When an event occurs, the system can select different measures to handle the situation based on the type of event that occurred or the time the event occurred.

Role-based Access Control

The role based access control allowing administrators to create roles for users according to their responsibilities, administrative tasks that they are able to execute, and the camera feed playback and administrative functions available to them.

Local HDMI Output

Connect your NAS to an HDMI monitor or HD TV and Surveillance Center can provide high resolution video feed monitoring through ASUSTOR Portal. You can also directly search and playback specific recording files via the timeline or calendar and listen to live audio as well!



Mobile Apps



AiMaster

Having trouble finding a PC for NAS initialization? This is no problem with an ASUSTOR NAS. AiMaster's exclusive initialization function makes it easy to set up and manage your NAS. No matter if it is adding new users, creating shared folders, remote wake-up, installing exciting new NAS Apps, upgrading your firmware or checking the real-time status of your system, AiMaster can help you get it done with ease.



AiDownload

Search for required torrents in seconds and add them to Download Center on your NAS. You can also monitor any current download tasks. As soon as download tasks are finished, your mobile device will be notified via push notification. Furthermore, AiDownload for Android now supports the uploading of torrent files and the adding of RSS feeds.



AiRemote

A mobile app that can be used to control ASUSTOR Portal. From navigating the XBMC/Kodi interface menus to controlling video playback and adjusting volume, all is easy to do with AiRemote. Additionally, AiRemote provides a touchpad mode and keyboard for controlling the cursor and entering words when using the Chrome Web browser.



AiData

Get access to your data in the cloud and on your NAS from the convenience of your mobile device with ASUSTOR's AiData mobile app. With its intuitive interface and incorporation of well-known cloud storage services, AiData allows you to manage all the files on your NAS and across the cloud.



AiFoto

Use AiFoto to browse through your precious memories stored in Photo Gallery or upload any pictures taken with your mobile device directly to your NAS. Additionally, offline albums support passcode protection, adding an extra layer of security. Additionally, AiFoto now supports RAW images and video playback.



AiSecure

AiSecure allows you to effortlessly keep an eye on your most valued assets. In addition to monitoring live surveillance feeds, the push notifications can be sent immediately to your mobile device in the event of any disruptions, allowing you to instantly grasp the latest developments.



AiMusic

AiMusic allows you to stream music from your NAS to your mobile device. Effortlessly select songs from different genres in an organized music library or even download entire playlists to your mobile device for offline listening. Enabling random playback allows you to create a random playlist at any time. Now no matter where you are, you'll always have your music with you.



AiVideos

AiVideos supports real-time transcoding, and allows you to experience a high resolution video streaming experience by selecting the video of your choice from the dazzling poster wall interface. AiVideos also supports Chromecast, allowing you to stream your videos to a big screen and share them with your friends and family.



AiCast

AiCast allows you to use the most intuitive methods to enjoy digital video entertainment. Use the beautiful poster wall to browse through your videos and select any one to play it on your big screen with Kodi. You can also use AiCast to remotely control playback on your TV at home when you are away or use it to control playback on multiple NASes and displays at a storefront.



Hardware Specifications

Home				
	AS1002T	AS1004T	AS3102T	AS3104T
Processor	Marvell ARMADA-385 1GHz Dual-Core Processor		Intel Celeron 1.6GHz Dual-Core Processor (burst up to 2.08~2.48GHz)	
Memory	512 MB DDR3 (non-upgradeable)		2GB DDR3L (non-upgradeable)	
Internal Disk*	2 x (3.5" SATA II/III HDD)	4 x (3.5" SATA II/III HDD)	2 x (3.5" SATA II/III HDD)	4 x (3.5" SATA II/III HDD)
External Device Interface	2 x USB 3.0 (Front x1; Rear x1)		3 x USB 3.0 (Front x1; Rear x2)	
LAN Port	1 x Gigabit		1 x Gigabit	
Dimensions (HxWxD)	165 x 102 x 218 mm	165 x 164 x 218 mm	165 x 102 x 218 mm	165 x 164 x 218 mm
Weight	0.99 kg / 2.18 lb	1.5 kg / 3.3 lb	1.17 kg / 2.58 lb	1.6 kg / 3.53 lb
Power	External Power Adapter: 60 W		External Power Adapter: 90 W	
Operation	13.2 W	24.4 W	13.7 W	24.5 W
Disk Hibernation	6.6 W	11.5 W	7.47 W	11.1 W
Sleep Mode (S3)	No Sleep Mode		0.69 W	
Volume Type	Single, JBOD, RAID 0 / 1	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10	Single, JBOD, RAID 0 / 1	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10
HD Display	-		1 x HDMI 1.4b	
Infrared Receiver	-		Yes	
Audio Output	-			
Disk Tray Lock	No HDD Tray			
LCD Panel	-			

Hardware Specifications

	Home		Power User / SOHO / SMB	
				
	AS3202T	AS3204T	AS6102T	AS6104T
Processor	Intel Celeron 1.6GHz Quad Core Processor (burst up to 2.24 GHz)		Intel® Celeron 1.6GHz Dual-Core Processor (burst up to 2.08~2.48GHz)	
Memory	2GB DDR3L (non-upgradeable)		2GB SO-DIMM DDR3L (Expandable. MAX. 8GB, 4GB x 2)	
Internal Disk*	2 x (3.5" SATA II/III HDD)	4 x (3.5" SATA II/III HDD)	2 x (2.5" / 3.5" SATA II/III or SSD)	4 x (2.5" / 3.5" SATA II/III or SSD)
External Device Interface	3 x USB 3.0 (Front x1; Rear x2)		3 x USB 3.0 (Front x1; Rear x2), 2 x USB2.0, 2 x eSATA	
LAN Port	1 x Gigabit		2 x Gigabit	
Dimensions (HxWxD)	165 x 102 x 218 mm	165 x 164 x 218 mm	163.5 x 108 x 230 mm	185.5 x 170 x 230 mm
Weight	1.17 kg / 2.58 lb	1.6 kg / 3.53 lb	2 kg / 4.41 lb	2.9 kg / 6.39 lb
Power	External Power Adapter: 60 W		External Power Adapter: 90 W	
Operation	16.4 W	27 W	16.6 W	27.5 W
Disk Hibernation	7.75 W	11.4 W	9.5 W	13.6 W
Sleep Mode (S3)	0.79 W	0.79 W	0.96 W	0.95 W
Volume Type	Single, JBOD, RAID 0 / 1	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10	Single, JBOD, RAID 0 / 1	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 + Hot Spare
HD Display	1 x HDMI 1.4b		1 x HDMI 1.4b	
Infrared Receiver	Yes		Yes	
Audio Output	-		1 x S / PDIF	
Disk Tray Lock	No HDD Tray		-	
LCD Panel	-		-	

	Power User / SOHO / SMB				
			 New	 New	
	AS6202T	AS6204T	AS6208T	AS6210T	AS7004T
Processor	Intel® Celeron 1.6GHz Quad Core Processor (burst up to 2.08~2.24GHz)		Intel® Celeron 1.6GHz Quad Core Processor (burst up to 2.24 GHz)		Intel® Core i3 3.5 GHz Dual-Core Processor
Memory	4GB SO-DIMM DDR3L (Expandable. MAX. 8GB, 4GB x 2)		4GB SO-DIMM DDR3L (Expandable. MAX. 8GB, 4GB x 2)		2 GB SO-DIMM DDR3 (Expandable. MAX. 16GB)
Internal Disk*	2 x (2.5" / 3.5" SATA II/III or SSD)	4 x (2.5" / 3.5" SATA II/III or SSD)	8 x (2.5" / 3.5" SATA II/III or SSD)	10 x (2.5" / 3.5" SATA II/III or SSD)	4 x (2.5" / 3.5" SATA II/III or SSD)
External Device Interface	3 x USB 3.0 (Front x1; Rear x2), 2 x USB2.0, 2 x eSATA		3 x USB 3.0 (Front x1; Rear x2), 2 x USB2.0, 2 x eSATA		3 x USB 3.0 (Front x1; Rear x2), 2 x USB 2.0, 2 x eSATA
LAN Port	2 x Gigabit		4 x Gigabit		2 x Gigabit
Dimensions (HxWxD)	163.5 x 108 x 230 mm	185.5 x 170 x 230 mm	215.5 x 293 x 230 mm		185.5 x 170 x 230 mm
Weight	2 kg / 4.41 lb	2.9 kg / 6.39 lb	6.2 kg / 13.67 lbs	6.4 kg / 14.1 lbs	3.9 kg / 8.6 lb
Power	External Power Adapter: 60 W		External Power Adapter: 90 W		Internal Power Supply: 250 W
Operation	16.6 W	27.5 W	59.5 W	68.3 W	39.1 W
Disk Hibernation	9.5 W	13.6 W	31.2 W	34.4 W	29.4 W
Sleep Mode (S3)	0.96 W	0.95 W	1.5 W	1.5 W	1.8 W
Volume Type	Single, JBOD, RAID 0 / 1	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 + Hot Spare	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 / 6 / 10 + Hot Spare		Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 + Hot Spare
HD Display	1 x HDMI 1.4b		1 x HDMI 1.4b		1 x HDMI 1.4a
Infrared Receiver	Yes		Yes		Yes
Audio Output	1 x S / PDIF		1 x S / PDIF		1 x S / PDIF
Disk Tray Lock	Yes		Yes		Yes
LCD Panel	-		Yes		Yes
Service LED	-		-		-



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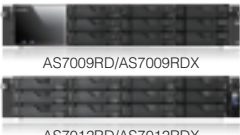

www.asustor.com

Dealer Seal

1553-C0ENG011-160

Hardware Specifications

*Disk not included. Check www.asustor.com for compatible disk models.

Enterprise					Expansion Unit				
									
	AS7008T AS7010T		AS6212RD		AS7012RD/AS7012RDX		AS6004U		
Processor	Intel® Core i3 3.5 GHz Dual-Core Processor		Intel Celeron 1.6GHz Quad Core Processor (burst up to 2.24GHz)		RD: Intel® Core i3 3.5 GHz Dual-Core Processor RDX: Intel® Xeon E3 3.4 GHz Quad Core Processor		External Ports USB 3.1 Gen-1 Type B		
Memory	2 GB SO-DIMM DDR3 (Expandable, MAX. 16 GB)		4GB SO-DIMM DDR3L (Expandable, MAX. 8GB, 4GB x 2)		RD: 4 GB UDIMM DDR3 (Expandable, MAX. 32 GB) RDX: 4 GB ECC UDIMM DDR3 (Expandable, MAX. 32GB)		Maximum Internal Raw Capacity 40 TB (10TB HDD x 4)		
Internal Disk*	8 x (2.5" / 3.5" SATA II/III or SSD)	10 x (2.5" / 3.5" SATA II/III or SSD)	4 x (2.5" / 3.5" SATA II/III or SSD)	12 x (2.5" / 3.5" SATA II/III or SSD)	9 x (2.5" / 3.5" SATA II/III or SSD)	12 x (2.5" / 3.5" SATA II/III or SSD)			
External Device Interface	3 x USB 3.0 (Front x1 ; Rear x2), 2 x USB 2.0, 2 x eSATA		4 x USB 3.0		4 x USB 3.0, 2 x eSATA		Internal Disk 4 x (2.5" / 3.5" SATAII/III or SSD)		
LAN Port	2 x Gigabit		4 x Gigabit		4 x Gigabit		Dimensions (HxWxD) 185.5 x 170 x 230 mm		
Expansion Slot	1 x for optional expansion 10-GbE card		-		2 x for optional expansion 10-GbE / SAS card		Weight 2.7 kg / 5.95 lbs		
Dimensions (HxWxD)	215.5 x 293 x 230 mm		45.5 x 515 x 439 mm		87.6 x 515 x 442 mm		Disk Tray Lock Yes		
Weight	7.2 kg / 15.87 lb	7.4kg / 16.31lb	AS6204RS/AS6204RD 7.65 kg / 16.87 lb	AS6212RD 9.2 kg / 20.28 lb	AS7009RD 12.7 kg / 27.99 lb	AS7009RDX; AS7012RD 13.6kg / 29.98lb	AS7012RDX 13.6kg / 29.98lb	AS7012RDX 13.74kg / 30.29lb	
Power	Internal Power Supply: 350 W		Internal Power Supply: 250 W		Internal Power Supply: 350 W		Internal Power Supply: 600 W		
Operation	80.3 W	99.2 W	35.5 W	49.5 W	-	103 W	103 W	122 W	123 W
Disk Hibernation	43.7 W	54.4 W	21.9 W	36.7 W	-	53.9 W	54.9 W	54.8 W	55.6 W
Sleep Mode (S3)	1.97 W	1.97 W	1.5 W	7.7 W	-	4.09 W	4.09 W	4.09 W	4.13 W
Volume Type	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 / 6 / 10 + Hot Spare		Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 + Hot Spare		Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 / 6 / 10 + Hot Spare		Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1 / 5 / 6 / 10 + Hot Spare		
HD Display	1 x HDMI 1.4a		1 x HDMI 1.4b		1 x HDMI 1.4a, 1 x VGA				
Infrared Receiver	Yes		-		-				
Audio Output	1 x S / PDIF		-		-				
Service LED	-		Yes		Yes				
Redundant Power Supply	-		- Yes Yes		Yes				
Disk Tray Lock	Yes		Yes		Yes				
LCD Panel	Yes		-		-				

Software & Features

Operating System

- ADM 2.6 Onwards
- Supports Online Firmware Updates
- Built-in App Central for Various Apps

Access Control

- Supports 2-Step Verification
- Supports Batch Creation and Importation of ADM Accounts
- Supported Importation File Format: txt, csv
- Maximum Number of Users: 1024 (AS10 series) / 4096 / 16384 (AS70 series)
- Maximum Number of Groups: 256 (AS10 series) / 512
- Maximum Number of Shared Folders: 256 (AS10 series) / 512
- Maximum Number of Concurrent Connections: 128 (AS10 series) / 512 / 2048 (AS70 series)
- Supports Windows Active Directory

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

Backup Solutions (Two-Way Backup)

- Rsync (Remote Sync) Backup
- Cloud Backup
- FTP Backup
- External Backup
- One Touch Backup
- Internal Backup

Customized Sign In Page

- 2 Different Template Choices
- Customizable Title, Image and Background
- Image Import Function

Disk Management

- Scheduled Bad Block Scans
- Scheduled S.M.A.R.T Scans

Energy Control

- Configurable Disk Hibernation and Sleep Mode Wait Time
- Configurable Time Period for Sleep Mode Activation

External Devices

- Supports USB/eSATA External Storage Devices
- USB Wi-Fi Dongle Support
- Bluetooth Dongle/Speaker Support
- USB Printer Support
- USB DAC/IR Receiver/Keyboard/Mouse Support
- CD ROM Drive/DVD ROM Drive/Blu-Ray ROM

File System

- Internal Disk: EXT4
- External Disk: FAT32, NTFS, EXT3, EXT4, HFS+

iSCSI

- Maximum Targets: 64 (AS10 series) / 256
- Maximum Snapshot Versions of a Single LUN: 256
- Maximum LUNs: 64 (AS10 series) / 256 / 512 (AS70 series)
- Supports Scheduled LUN Snapshot
- Target Masking
- LUN Mapping
- ISO File Mounting
- Supports MPIO
- Persistent (SCSI-3) Reservations

MyArchive

- Insert Hard Disk & Immediately Access Files
- Transfer or Exchange Terabytes of Data via the Internal Hot-Swap SATA Interface
- Supported MyArchive Bay Number: N-1
- Supported File System Formats: EXT4, NTFS, HFS+
- Supports Self-defined Alias Name
- Supports AES 256-bit Encryption for MyArchive Disks (in EXT4 format only)

DHCP Server

- Supports Multiple IP Subnets Assignment
- Supports Lease Time, DHCP Reservation

Network

- TCP/IP (IPv4 & IPv6)
- Jumbo Frame (MTU)
- VLAN

- Cloud Connect
- Wireless Network
- DDNS and EZ-Router
- Supports Wake-on-LAN (WOL)

Network Protocols

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

Security

- AES 256-bit Folder Encryption
- Built-in Hardware Encryption Engine: AS70/61/62/31/32/10 Series
- Firewall: Prevent Unauthorized Access
- Network Defender: Prevent Network Attacks
- Alert Notifications: E-mail, SMS
- Encrypted Connections: HTTPS, FTP over SSL/TLS, SSH, SFTP, Rsync over SSH
- Supports Let's Encrypt
- Supports Intermediate Certificate
- Alert Notifications: E-mail, SMS, Pushbullet, Pushover, AiMaster

Storage Management

- Support 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

Supported OS

- Windows XP, Vista, 7, 8, 10, Server 2003, Server 2008, Server 2012
- Mac OS X 10.6 Onwards
- UNIX, Linux, BSD

Supported Browsers

- Internet Explorer 11 Onwards
- FireFox
- Chrome
- Safari
- Microsoft Edge

Supported Languages

- Deutsch, English, Français, Italiano, Nederlands, Русский, 日本語, 한글, 简体中文, 繁體中文, Česká, Polski, Svenska, Dansk, Norsk, uomi, Português, Türkçe, Español, Magyar

System Administration

- Log Type: System Log, Connection Log, File Access Log
- Real-time Online User Monitor
- Real-time System Monitor
- User Quota
- Virtual Drive (ISO Mounting, Maximum 16)
- UPS Support

Network Recycle Bin

- Share Folder-based
- Maintains Original Directory Structure and File Permission
- One-click Restore
- Supports Scheduled Emptying
- Filtering Rules

Featured Apps

Antivirus

- Scheduled Scans
- Automatic Virus Definition Updates
- Quarantine Infected Files

ASUSTOR Portal (HDMI Local Output)¹

- Simultaneously view 4 channels of high resolution real-time video feeds and playback recordings
- Support Chrome / Chromium browsers
- Downloads from Chrome / Chromium Automatically Saved to the NAS
- Power Control Settings: Power on, Sleep, Restart and Wake via Remote
- Customizable ASUSTOR Portal Desktop Wallpaper
- Add Shortcuts to Favorite Websites
- Increased TV Compatibility via Overscan and Resolution Settings
- Max resolution: 1080p (HD) / 2160p (4K)²
- ADM integrated for local system management
- URL-Pack connects popular video streaming websites, URL-Pack-Social provides links to a variety of social media platforms

Download Center

- Supports BT(Torrent & Magnet Link), HTTP and FTP Downloads
- Torrent Search
- Choose Files Before a BT Task Starts
- Customizable Download Schedule
- Bandwidth Control
- RSS Subscription and Automatic Downloading (Broadcatching)
- ASUSTOR Download Assistant for Windows & Mac
- AiDownload for iOS & Android
- Smart Download Function

Dropbox

- Each ADM Account is Able to Individually Log in to One Dropbox Account
- Support Sync Backup

DataSync for Microsoft OneDrive

- Each ADM account is able to individually log into a OneDrive account
- Supports file filter and bandwidth limitation
- Supported backup methods:
 - Sync
 - Directly upload files to OneDrive from NAS
 - Directly download files from OneDrive to NAS

File Explorer

- Web-based File Management
- ISO File Mounting
- Share Links
- Data Access via External Optical Drive
- Supports video playback

FTP Explorer

- Directory Structure View with Drag & Drop Transfers
- Task Monitor
- Stopping of Transmission Task & Resumption of Connection
- Encrypted Connections: Explicit over TLS, Implicit over TLS
- FTP Site Manager
- Bandwidth Control
- Maximum Simultaneous Transfer Control

Google Drive

- Each ADM Account is Able to Individually Log in to One Google Account
- Supported Backup Methods:
 - Sync
 - Directly Upload Files to Google Drive from NAS
 - Directly Download Files from Google Drive to NAS

HiDrive

- Each ADM Account is Able to Individually Log in to One HiDrive Account
- Supported Backup Methods:
 - Directly Upload Files to HiDrive from NAS
 - Directly Download Files from HiDrive to NAS
- Supported Protocols: Rsync / FTP / FTPS / SFTP/ Rsync + SSH

iTunes Server

- For iTunes on Mac & Windows
- Supports AirPlay
- Supports iOS Remote Pairing
- Supported Audio Formats: AIF³, M4A (AAC & Apple Loseless), M4P, M4R, MP3, WAV³
- Supported Video Formats: M4V, MOV, MP4
- Supported Playlist Formats: M3U, WPL

Takeasy

- Download from Vimeo, YouKu, Tudou and More
- Selectable the Video Type and Quality
- Automatic Downloads with Subscriptions
- Preview Downloads in Progress
- Online Playback

LooksGood

- Supports Window Edge/Chrome/Firefox, and Safari (Mac) browsers.
- When using Firefox on Windows, installation of the VLC media player browser plug-in (version 2.2.1) is required.
- Supports the use of DVB-T/DTMB digital TV dongles to stream and record scheduled digital TV programs.
- Supports multiple TV tuners. A single TV tuner can only stream or record from one channel at a time.
- Playback of High-Definition Video Files
- Supports External Subtitles and Multiple Audio Channels
- Supports the Browsing of Photos
- Recently Added, Recently Watched and Favorite Browsing Categories
- Supports Browsing of Electronic Program Guides
- Edit and Manage Recording Tasks
- Configure Recording Tasks: Time, Length and Recording Frequency
- No Need for an EPG, Just Select a Channel and Time to Begin Recording
- Recording Task Log
- Configurable Favorite Programs to Record

Mail Server

- Each ADM Account can Become an Independent Email Account
- Email Activity Monitor (Over 1 Week, 1/3/6 Months)
- Provides SMTP, IMAP and POP3 Mail Protocols
- Supports SMTP Relay and Verification
- SMTP-SSL Secure Connections
- Spam Filter and Black List Settings
- Antivirus Scanning for Emails
- Email Alias Creation and Mapping
- Monitoring of Mail Queue
- Mail Service Activity Log
- Exclusive Email Backup Mechanism
- Auto-Forwarding and Auto-Response Protocols

Photo Gallery

- "Album" and "Browse" Viewing Modes
- Manage Photo Album Access Rights: Public Access, Restricted to Certain Accounts, Album Password
- Multi-level Folder Structure Support
- Supports Tagging of Photos
- Intuitive Sorting and Comprehensive Search Function
- Adjustable Photo Wall Browsing Scales
- Automatic Image Rotation
- One-click Sharing to Social Media (Facebook, Google+, Twitter, Plurk, email)
- Intuitive Drag and Drop Management
- Slideshow Viewing Mode
- Provides Comment Function for Users to Interact with Each Other.
- Supports a Wide Range of Image Formats: JPG/JPEG, GIF, PNG, BMP, TIFF, RAW
- Supports Video Playback

SoundsGood

- Import Personal/Public Music Collection
- Personal/Public Music Collection Permission Control
- Playlist Editor
- ID3 Tag Editor
- Local Speaker Support: HDMI, USB, Audio Jack
- Supported Audio Formats for Browser: MP3, WAV, OGG, FIAC, AIF, AIFF, AAC, M4A, WMA, APE
- Supported Audio Formats for Transcoding Through Browser: AIF, AIFF, AAC, M4A, WMA, APE, OGG, FLAC
- Supported Audio Formats for Local Speaker: MP3, WAV, OGG, FIAC, AIF, AIFF, AAC, M4A, WMA, APE
- ASUS DAC Support

Surveillance Center

- Up to 49 channels in 720p on single live view display
- On-screen camera controls including camera PTZ, manual recordings, take snapshots, configure camera settings and open Maps
- Up to 4 channels of synchronous and non-synchronous playback with audio
- Intelligent video analytics including motion detection and foreign object detection
- Supported Browsers: Windows Internet Explorer, Firefox, Chrome, Microsoft Edge, Mac Safari, Mac Firefox
- Event notification supports SMS, E-mail, and mobile push notification
- Automated event action rules

- Role-based access control
- AiSecure mobile app for iOS and Android
- ONVIF™ 2.4, Profile S certified
- Two different camera license packages are offered: single channel and 4 channels
- AS10/2/3 Series Devices Support up to 8 Channels, AS6/31/32 Series Devices Support up to 16 Channels, AS50/51/61/62 Series Devices Support up to 25 Channels, AS70 Series Devices Support up to 49 Channels
- Minimum Computer System Requirements
 - CPU: i5/i7 or Above
 - RAM: DDR3 4G or Above
 - Supported Operating Systems: Windows 7 and Onwards, Mac OS X
 - Recommended Monitor Resolution: 1280 x 800 Pixels
 - Network Interface: Gigabit x 1
 - Dedicated Graphics Card is Recommended
- * Surveillance Center Version 2.5.0 and Above

UPnP Media Server

- Offers 3 Different Server Choices: UPnP v1, UPnP v2, MiniDLNA
- Supports PS3/Xbox and Other UPnP Compatible Players
- Supported Video Formats*: 3GP, 3G2, ASF, AVI, DAT, FLV, ISO, M2T, M2V, M2TS, M4V, MKV, MPv4, MPEG1, MPEG2, MPEG4, MTS, MOV, QT, SWF, TP, TRP, TS, VOB, WMV, RMVB, VDR, MPE
- Supported Audio Formats*: 3GP, AAC, AC3, AIFC, AIFF, AMR, APE, AU, AWB, FLAC⁴, M4A, M4R, MP2, MP3, OGG Vorbis⁴, PCM, WAV, WMA
- Supported Image Formats*: BMP, GIF, ICO, JPG, PNG, PSD, TIF, RAW Image⁴
- * The supported formats may differ depending on the UPnP client in use.

VPN Client

- Supported VPN settings: PPTP, OpenVPN
- Transmission Package Monitor
- PPTP Authentication: PAP, CHAP, MS CHAP, MS CHAP2
- PPTP Encryption: No MPPE, MPPE (40, 128 bit), Maximum MPPE (128 bit)
- OpenVPN Port Control
- OpenVPN Link Compression
- Supports OpenVPN Configuration Files Importation

VPN Server

- Supports PPTP and OpenVPN settings
- View Current Connections & Ability to Disconnect Suspicious Connections
- Comprehensive Connection Log

XBMC / Kodi

- XBMC 12 / 13.5 / Kodi⁵
- Play All Media Content Stored on NAS
- Video Output via HDMI
- TV Shows, Movies, Apps and More
- ASUSTOR Customized Features
- AiRemote Mobile App for iOS & Android
- Supports SBS 3D Playback (Side By Side)
- Max resolution: 1080p (HD) / 2160p (4K)²

VirtualBox

- Virtual Machines are Able to run the Following Operating Systems: Windows, Linux, Solaris, Mac OS X
- Virtual Machine Import Format: OVF
- Virtual Machine Export Format: OVF 0.9, OVF 1.0, OVF 2.0
- Virtual Machine Snapshots
- Virtual Machine HDMI Audio Output
- Physical NAS Network Port can be Designated for use by Specific Virtual Machine

More...

For information on additional Apps, please visit: <http://www.asustor.com/apps>

Note:

1. ASUSTOR recommends that ASUSTOR Portal be used with a TV with a resolution of 720p or higher or a monitor supporting audio output.
2. Currently, 2160p (4k) is only available on the AS70/61/62/31/32 series.
3. Metadata (e.g. title) may not be able to displayed in iTunes.
4. You must first enable real time transcoding for these files in order to play them.
5. Currently, XBMC 13 / Kodi is only available on the AS70 / 50 / 51 / 61 / 62 / 31 / 32 series.