Hardware Specifications

Home / Power User

Power User / SOHO / SMB

	AS5008T	AS5010T	AS6102T	AS6104T	AS6202T	AS6204T	AS7004T
Processor	Intel® Celeron 2.41 GHz Dual-Core Processor (burst up to 2.58GHz)		Intel® Celeron 2.0 GHz Dual-Core Processor (burst up to 2.41GHz)		Intel® Celeron N3160 1.6GHz Quad-Core (up to 2.24GHz)		Intel® Core i3-4330 3.5 GHz Dual-Core Processor
Memory	1 GB SO-DIMM DDR3L(Expandable. MAX. 8GB, 4GB x 2)		2 GB 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*	8 x (2.5" / 3.5" SATA or SSD)	10 x (2.5" / 3.5" SATA or SSD)	2 x (2.5" / 3.5" SATA or SSD)	4 x (2.5" / 3.5" SATA or SSD)	2 x (2.5" / 3.5" SATA or SSD)	4 x (2.5" / 3.5" SATA or SSD)	4 x (2.5" / 3.5" SATA or SSD)
External Device Interface	3 x USB 3.0, 2 x USB 2.0, 2 x eSATA (1 USB 3.0 port in the front)				3 x USB 3.0 (1 USB 3.0 port in the front), 2 x USB2.0, 2 x eSATA		3 x USB 3.0, 2 x USB 2.0, 2 x eSATA (1 USB 3.0 port in the front)
LAN Port	4 x Gigabit		2 x Gigabit		4 x Gigabit		
Dimensions (HxWxD)	215.5 x 293 x 230 mm 8.48 x 11.54 x 9.06 in		163.5 x 108 x 230 mm 6.44 x 4.25 x 9.06 in	185.5 x 170 x 230 mm 7.30 x 6.69 x 9.06 in	163.5 x 108 x 230 mm 6.44 x 4.25 x 9.06 in	185.5 x 170 x 230 mm 7.30 x 6.69 x 9.06 in	215.5 x 293 x 230 mm 8.48 x 11.54 x 9.06 in
Weight	6.1 kg / 13.44 lb	6.3 kg / 13.89 lb	1.99 kg / 4.39 lb	2.93 kg / 6.46 lb	2.1 kg / 4.41 lb	2.9 kg / 6.39 lb	6.2 kg / 13.67 lb / 6.3 kg / 13.89 lb
Power	Internal Power Supply: 100~240V AC		External Power Adaptor: 100~240V AC		External Power Adaptor: 100~240V AC		Internal Power Supply: 100~240V AC
Operation	59 W	74.2 W	17.7 W	31.5 W	17.7 W	31.5 W	59.1 W / 74.8 W
Disk Hibernation	32 W	35.2W	8.7 W	12.3 W	8.7 W	12.3 W	32.1 W / 36.7 W
Sleep Mode (S3)	3.2 W	3.2 W	1.8 W	1.8 W	1.8 W	1.8 W	3.2 W / 3.2 W
Volume Type	Single, JBOD, RAID 0/ 1/ 5/ 6/ 10, RAID 1/ 5 / 6/ 10 + Hot Spare		Single, JBOD, RAID 0/ 1	Single, JBOD, RAID 0/ 1/ 5/ 6/ 10, RAID 1/ 5 + Hot Spare	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
HD Display	1 x HDMI 1.4a						
Infrared Receiver	Yes						
Audio Output	1 x S / PDIF						
Disk Tray Lock	-	Yes					
LCD Panel	-	Yes			Yes		

Hardware Specifications

Enterprise

	AS-204RS	AS-604RS/AS-604RD	AS-609RS/AS-609RD	AS7008T	AS7010T	AS7012RD/AS7012RDX	AS7009RD/AS7009RDX	AS7010RD/AS7010RDX
Processor	Intel® Atom™ 1.2G Hz Dual-Core Processor	Intel® Atom™ 2.13 GHz Dual-Core Processor		Intel® Core i3-4330 3.5 GHz Dual-Core Processor		RD: Intel® Core i3 3.5 GHz Dual-Core Processor RDX: Intel® Xeon E3 3.4 GHz Quad-Core Processor		
Memory	1 GB DDR3	1 GB SO-DIMM DDR3 (Expandable. MAX. 3 GB)		2 GB SO-DIMM DDR3 (Expandable. MAX. 16 GB)		RD: 4 GB UDIMM DDR3 (Expandable. MAX. 32 GB) RDX: 4 GB ECC UDIMM DDR3 (Expandable. MAX. 32GB)		
Internal Disk*	4 x (2.5" / 3.5" SATA or SSD)	4 x (2.5" / 3.5" SATA or SSD)	9 x (2.5" / 3.5" SATA or SSD)	8 x (2.5" / 3.5" SATA or SSD)	10 x (2.5" / 3.5" SATA or SSD)	9 x (2.5" / 3.5" SATA or SSD)	12 x (2.5" / 3.5" SATA or SSD)	
External Device Interface	4 x USB 3.0	4 x USB 2.0, 2 x USB 3.0, 2 x eSATA		3 x USB 3.0, 2 x USB 2.0, 2 x eSATA (1 USB 3.0 port in the front)		4 x USB 3.0, 2 x eSATA		
LAN Port	2 x Gigabit	2 x Gigabit		2 x Gigabit		4 x Gigabit		
Expansion Slot	-	-		1 x for optional expansion 10-GbE card		2 x for optional expansion 10-GbE / SAS card		
Dimensions (HxWxD)	44 x 439 x 515 mm 1.56 x 17.28 x 20.28 in	44 x 439 x 515 mm 1.56 x 17.28 x 20.28 in	88 x 439 x 535 mm (x3.43 x 17.12 x 20.86in)	215.5 x 293 x 230 mm 8.48 x 11.54 x 9.06 in		88 x 439 x 535 mm 3.43 x 17.12 x 20.86 in		
Weight	7.6kg / 16.76lb	AS-604RS / AS-604RD 7.65 kg / 16.87 lb / 9.3 kg / 20.5 lb	AS-609RS / AS-609RD 9.9 kg / 21.83 lb / 12.2 kg / 26.9 lb	7.2kg / 15.87lb	7.4kg / 16.31lb	AS7009RD / AS7009RDX / AS7012RD / AS7012RDX 13.6kg / 29.98lb / 13.6kg / 29.98lb / 13.74kg / 30.29lb / 13.74kg / 30.29lb		
Power	Internal Power Supply: 100~240V AC			Internal Power Supply: 100~240V AC	Internal Power Supply: 100~240V AC	Internal Power Supply: 100~240V AC		
Operation	41.6 W	41.3 W	46 W / 58.7 W / 73.5 W	80.3 W	99.2 W	103 W	103 W / 122 W / 123 W	
Disk Hibernation	25.8 W	31.6 W	32.3 W / 32.8 W / 44.9 W	43.7 W	54.4 W	53.9 W	54.9 W / 54.8 W / 55.6 W	
Sleep Mode (S3)	0.7 W	1.4 W	6.42 W / 1.4 W / 2.02 W	1.97 W	1.97 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 + Hot Spare	Single, JBOD, RAID 0/ 1/ 5/ 6/ 10, RAID 1/ 5 + Hot Spare	RAID 1/ 5/ 6/ 10 + 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 1.3a		1 x HDMI 1.4a		1 x HDMI 1.4a, 1 x VGA		
Infrared Receiver	-	-		Yes		-		
Audio Output	-	-		1 x S / PDIF		-		
Service LED	Yes	Yes		-		Yes		
Redundant Power Supply	-	- Yes	- Yes	-		Yes		
Disk Tray Lock	-	-		Yes		Yes		
LCD Panel	-	-		Yes		-		

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

Software & Features

Operating System
- ADM 2.5 Onwards
- Supports Online Firmware Updates
- Built-in App Central for Various Apps

Access Control
- Maximum Number of Users: 4096 / 16384 (AS70 series)
- Maximum Number of Groups: 512
- Maximum Number of Shared Folders: 512
- Maximum Number of Concurrent Connections: 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: 256
- Maximum Snapshot Versions of a Single LUN: 256
- Max LUN Number: 256 / 512 (AS70 series)
- Target Masking
- LUN Mapping
- ISO File Mounting
- Supports MCS
- Persistent (SCSI-3) Reservations

MyArchive
- Insert Hard Disk & Immediately Access Files
- Transfer or Exchange Terabytes of Data via the Internal Hot-Swap SATA Slots
- Up to 2 Bays Reserved for MyArchive Docking Purposes

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, 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: AS70/61/62/10 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

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, Server 2003, Server 2008, Server 2012
- Mac OS X 10.6 Onwards
- UNIX, Linux, BSD

Supported Browsers
- Internet Explorer 9 Onwards
- FireFox
- Chrome
- Safari

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

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

Featured Apps

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

ASUSTOR Portal (HDMI Local Output)
- Supports Output for 4 Channels of Megapixel IP Camera Video Feeds
- Chrome Web Browser and YouTube Integration
- Downloads from Chrome 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

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

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: Aiff[3], M4A (AAC & Apple Loseless), M4P, M4R, MP3, WAV
- Supported Video Formats: M4V, MOV, MP4
- Supported Playlist Formats: M3U, WPL

LooksGood
- Supports Chrome, Firefox, and Safari (Mac) browsers. Installation of the VLC web plugin 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
- Social Media Support: Facebook, Google+, Twitter, Plurk
- Manage Photo Album Access Rights: Public Access, Restricted to Certain Accounts, Album Password
- Customizable Photo Album Cover
- Supports Display of Image EXIF Values, Editable Description, Image Rotation
- Supports Playing Images via Slideshow
- Supports Downloading of Image Source Files
- Supports User Comments
- Supports Tagging of Photos
- Search for Photos via Keyword or Tag
- Supported Image Format: JPG, PNG, GIF, 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, 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.
- AS-2/3 series devices can be expanded up to a maximum of 8 channels, AS50/ 51 series devices 16 channels, AS-6 series devices 12 channels and AS70 series devices 24 channels.

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

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, FLAC[4], M4A, M4R, MP2, MP3, OGG Vorbis4, PCM, WAV, WMA
- Supported Image Formats*: BMP, GIF, ICO, JPG, PNG, PSD, TIF, RAW: Image4 (3FR, ARW, CR2, CRW, DCR, DNG, ERF, KDC, MEF, MOS, MRW, NEF, NRW, ORF, PEF, RAF, RAW, RW2, SR2, X3F)

*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

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

XBMC
- XBMC 12/ 13.5/ Kodi[5]
- 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]

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 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 series.

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Dealer Seal

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More Than Just Storage

Discover the Extraordinary with ASUSTOR

Cross-Platform

AS3104T / AS1002T AS6102T / AS6104T

Performance King
Ranked No.1
U.S.A.
SmallNetBuilder
Germany
CHIP

Boundless Functionality

Intuitive UI

Incredible Value

ASUSTOR Data Master

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

Seamless Cross-Platform File Sharing

Support for Windows, Mac OS X and Unix-like operating systems.

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

Seamless System Migration

With ASUSTOR NAS, switching to a higher capacity NAS model is a piece of cake. Simply take out your existing hard drives and then insert them into the new system. That's it. Your new system will be up and running instantly.
Moreover, ASUSTOR NAS supports online capacity expansion[1] which means that you can easily swap out all your old disks for higher capacity ones without turning off your NAS.

[1] You must use RAID 1, 5, 6, or 10

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

An Industry First: Searchlight

Exclusive

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. Plug in an archive when you need it and swap it out for a different archive when you don't. Enjoy 'plug and play' convenience as you swap between different data collections.

An Intuitive Experience, Attuned to Your Digital Lifestyle

Multimedia

Create the Ultimate Home Multimedia Center

Enjoy electrifying digital entertainment on demand with ASUSTOR NAS. The built-in HDMI interface and variety of multimedia Apps let you to enjoy all of your favorite multimedia from your NAS by directly connecting it to an LCD/LED TV or amplifier.

Additionally, you can also further add a surround sound amplifier to create an unprecedented high definition multi-channel listening experience. Imagine watching your favorite racing movie and being immersed in the roar of the engines. Feel the thrill and the sense of speed as you listen to the sounds of cars whizzing by. Prepare for an unparalleled entertainment experience that will have you on the edge of your seat.

VirtualBox + ASUSTOR Portal = PC

Turning your NAS into a computer with 24/7 availability and tremendous energy efficiency is no longer just a dream. With VirtualBox, you can install all different types of operating systems to your NAS, creating virtual machines. After creating a virtual machine, your NAS can become your personal computer. No matter if its sending emails, editing Word, Excel or PowerPoint files, or even Skype, all can be done on one machine.

Your vast video collection on demand

Directly stream videos from your NAS to your Web browser and watch them instantly, instead of waiting for long downloads. No matter if it's 1080p high definition movies, TV series that you are addicted to or TV programs that you have recorded, they are all available to you on demand.
You can even select multilingual subtitles and different audio channels to enjoy videos in different languages. LooksGood truly provides you with a comprehensive online theatre experience.

*Supports Chrome, Firefox, and Safari (Mac) browsers. Installation of the VLC web plugin is required.
*Supported external subtitle file formats: srt, ass, ssa; Transcoded subtitles will appear in the srt format.

3-Step automated video management

LooksGood simplifies your video management by providing 3-step automated video management and a poster-wall view of your video collection that makes it easy to select the videos you want to play. LooksGood also provides comprehensive video information including year, IMDB rating, genre, description, director and cast.

Step 1: Quick scan of video library
Step 2: Automatically download movie information
Step 3: Smart display of video collection

Supercharge your multimedia experience

You no longer need to worry about running into resolution compatibility issues when playing videos on your phone, tablet or computer.
Media Converter utilizes a quick and simple conversion method, allowing you to execute conversion tasks in the background.
The exclusive built-in Hyper-Transcoding technology was expertly crafted by ASUSTOR. This technology utilizes the Intel CPU hardware acceleration function to make video file conversions faster and simpler than ever before. Using Hyper-Transcoding to convert video files can reduce the normal conversion time by at least 10 times.
Hyper-Transcoding technology is available on the following models: AS50/51/70

Photo Gallery: Expanded Supported File Formats

The new version of Photo Gallery supports RAW images and video playback features, further enhancing your personal network album capabilities.

Play videos with ADM File Explorer

You can now intuitively use the preview function to play videos when browsing through multimedia files with ADM File Explorer. Is this convenient, or what?

Unparalleled Multimedia Entertainment Experiences

Business

AD + ACL Windows

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.

Added data protection while maintaining high performance

AS 70/61/62 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 10Gbit 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

Enhanced Management Convenience with SNMP

- Supports SNMP v1, v2c, v3 and trap
- ASUSTOR NAS MIB provided

Centralized Log Monitoring via Syslog server

- Supports standard syslog protocol
- Graphical log monitoring by time and source
- Supports TCP and UDP
- Auto log archiving
- User-defined email notification

Virtualization Ready

iSCSI and NFS support on ASUSTOR NAS devices allows you to seamlessly integrate with any existing IT environments.
VMware ready: AS70/AS-6
Citrix ready: AS70/AS50/AS-6
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

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

Surveillance Center

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-Browser Support

No matter if you are a PC or Mac user, you can use the most popular web browsers to seamlessly connect with Surveillance Center.

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.

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, allowing you to easily grasp the latest developments.

*Not supported on AS-2XXT/ AS1 series devices.

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Mobile Apps

iOS / ANDROID

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.

AiVideos

AiVideos brings you the smoothest mobile video viewing experience around. Browse through the video collection on your NAS without needing to wait for long downloads. Enjoy high-definition 1080p streaming video with just one click.
You can even select multilingual subtitles and different audio channels to enjoy films in different languages, bringing the movie theatre to your mobile device. Furthermore, AiVideos enables you to stream videos from your NAS to Chromecast with ease and share the video collection on your NAS with your family and friends on a big screen TV.

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

Browse through your precious memories stored in Photo Gallery or upload any pictures taken with your mobile device directly to your NAS. Additionally, passwords can be set for any downloaded photos, adding an extra layer of security.
For Android devices, you can also now enjoy the RAW image support 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.

AiRemote

A mobile app that can be used to control ASUSTOR Portal. AiRemote offers a remote mode, touchpad mode and keyboard input.

AiMusic

AiMusic allows you to stream music from your NAS to your mobile device. Effortlessly select songs from an organized music library or even download entire playlists to your mobile device for offline listening.

AiCast

You only need to browse the video information on your phone, select/tap it and your TV can begin playing the video! AiCast allows you to use the most intuitive method to enjoy movies/tv entertainment.

Hardware Specifications

	Home				Home / Power User	
	2-bay AS1002T	2-bay AS1004T	2-bay AS3102T	2-bay AS3104T	2-bay AS5002T	2-bay AS5004T
Processor	Marvell 88F6820 ARMADA-385 1GHz Dual-Core Processor		Intel Celeron N3050 1.6GHz Dual-Core (up to 2.16GHz)		Intel® Celeron 2.41 GHz Dual-Core Processor (burst up to 2.58GHz)	
Memory	512 MB DDR3 (non-upgradeable)		2GB DDR3L (non-upgradeable)		1 GB 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 (3.5" SATA II/III HDD)	4 x (3.5" SATA II/III HDD)	2 x (2.5" / 3.5" SATA or SSD)	4 x (2.5" / 3.5" SATA or SSD)
External Device Interface	2 x USB 3.0 (1 USB 3.0 port in the front; 1 USB 3.0 port in the rear)		3 x USB 3.0 (1 USB 3.0 port in the front; 2 USB 3.0 port in the rear)		3 x USB 3.0, 2 x USB 2.0, 2 x eSATA (1 USB 3.0 port in the front)	
LAN Port	1 x Gigabit		1 x Gigabit		2 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	163.5 x 108 x 230 mm 6.44 x 4.25 x 9.06 in	185.5 x 170 x 230 mm 7.30 x 6.69 x 9.06 in
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	1.99 kg / 4.39 lb	2.93 kg / 6.46 lb
Power	External Power Adapter: 60W	External Power Adapter: 90W	External Power Adapter: 60W	External Power Adapter: 90W	External Power Adapter: 100~240V AC	
Operation	19.4W	37.6W	13.7W	24.5W	17.4 W	30.8 W
Disk Hibernation	6.6W	11.5W	7.47W	11.1W	8.4 W	12.1 W
Sleep Mode (S3)	No Sleep Mode	No Sleep Mode	0.69W	0.69W	1.8 W	1.8 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	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 1.4a	
Infrared Receiver	-		Yes			
Audio Output	-		-		1 x S / PDIF	
Disk Tray Lock	No HDD Tray				-	
LCD Panel	-					