

Hardware Specifications

Home / Power User						
	AS-302T	AS-304T	AS5002T	AS5004T	AS5008T	AS5010T
Processor	Intel® Atom™ 1.6 GHz Dual-Core Processor		Intel® Celeron 2.41 GHz Dual-Core Processor (burst up to 2.58GHz)			
Memory	1 GB DDR3		1 GB SO-DIMM DDR3L (Expandable, MAX. 8GB, 4GB x 2)			
Internal Disk	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); 8 x (2.5"/3.5" SATA or SSD); 10 x (2.5"/3.5" SATA or SSD)			
External Device Interface	2 x USB 2.0, 2 x USB 3.0 (1 USB 3.0 port in the front)		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		2 x Gigabit		4 x Gigabit	
Dimensions (HxWxD)	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	1.87 kg / 4.12 lb	3.4 kg / 7.51 lb	1.99 kg / 4.39 lb	2.93 kg / 6.46 lb	6.1 kg / 13.44 lb	6.3 kg / 13.89 lb
Power	External Power Adaptor: 100~240V AC	Internal Power Supply: 100~240V AC	External Power Adaptor: 100~240V AC		Internal Power Supply: 100~240V AC	
Operation	19.9 W	36.7 W	17.4 W	30.8 W	59 W	74.2 W
Disk Hibernation	13.4 W	23.6 W	8.4 W	12.1 W	32 W	35.2W
Sleep Mode (S3)	0.8 W	0.8 W	1.8 W	1.8 W	3.2 W	3.2 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	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 1.4a		1 x HDMI 1.4a			
Infrared Receiver	Yes		Yes			
Audio Output	3.5mm Audio Jack		1 x S / PDIF			
Disk Tray Lock	-		-			
LCD Panel	-		-			

Power User / SOHO / SMB							
	AS5102T	AS5104T	AS5108T	AS5110T	AS6102T	AS6104T	AS7004T
Processor	Intel® Celeron 2.0 GHz Quad-Core Processor (burst up to 2.41GHz)			Intel® Celeron Processor			
Memory	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	2x(2.5"/3.5" SATA or SSD); 4x(2.5"/3.5" SATA or SSD); 8x(2.5"/3.5" SATA or SSD); 10x(2.5"/3.5" SATA or SSD); 4x(2.5"/3.5" SATA or SSD)			2x(2.5"/3.5" SATA or SSD); 4x(2.5"/3.5" SATA or SSD); 8x(2.5"/3.5" SATA or SSD); 10x(2.5"/3.5" SATA or SSD); 4x(2.5"/3.5" SATA or SSD)		2x(2.5"/3.5" SATA or SSD); 4x(2.5"/3.5" SATA or SSD); 8x(2.5"/3.5" SATA or SSD); 10x(2.5"/3.5" SATA or SSD); 4x(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 eSATA		3 x USB 3.0, 2 x USB 2.0, 2 x eSATA (1 USB 3.0 port in the front)	
LAN Port	2 x Gigabit		4 x Gigabit		2 x Gigabit		
Dimensions (HxWxD)	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	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	185.5 x 170 x 230 mm 7.30 x 6.69 x 9.06 in	
Weight	1.99 kg / 4.39 lb	2.93 kg / 6.46 lb	6.2 kg / 13.67 lb	6.3 kg / 13.89 lb	2 kg / 4.41 lb	2.9 kg / 6.39 lb	3.9 kg / 8.6 lb
Power	External Power Adaptor: 100~240V AC	External Power Adaptor: 100~240V AC	Internal Power Supply: 100~240V AC	Internal Power Supply: 100~240V AC	External Power Adaptor: 60W	External Power Adaptor: 90W	Internal Power Supply: 100~240V AC
Operation	17.7 W	31.5 W	59.1 W	74.8 W	-	-	39.1 W
Disk Hibernation	8.7 W	12.3 W	32.1 W	36.7 W	-	-	29.4 W
Sleep Mode (S3)	1.8 W	1.8 W	3.2 W	3.2 W	-	-	1.8 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	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	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 + Hot Spare
HD Display	1 x HDMI 1.4a		1 x HDMI 1.4a				
Infrared Receiver	Yes		Yes				
Audio Output	1 x S / PDIF		1 x S / PDIF				
Disk Tray Lock	Yes		Yes				
LCD Panel	Yes		Yes				
Service LED	-		-				

Hardware Specifications

Enterprise							
	AS-204RS	AS-609RS/AS-609RD	AS7008T	AS7010T	AS7012RD/AS7012RDX		
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 i3-355 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		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 3.43 x 17.12 x 20.86 in	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 AS-609RS / AS-609RD: 9.3 kg / 20.5 lb AS-609RS / AS-609RD: 9.9 kg / 21.83 lb	7.2kg / 15.87lb	7.4kg / 16.31lb	AS7009RD/AS7009RDX/AS7012RD/AS7012RDX: 13.6kg / 29.98lb AS7010T: 13.6kg / 29.98lb AS7010T: 13.74kg / 30.29lb	AS7012RD/AS7012RDX: 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	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	
Disk Hibernation	25.8 W	31.6 W / 32.3 W	32.8 W	44.9 W	43.7 W	54.9 W	
Sleep Mode (S3)	0.7 W	1.4 W / 6.42 W	1.4 W	2.02 W	1.97 W	4.09 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 1/5/6/10 + 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	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		
Infrared Receiver	-		-		-		
Audio Output	-		-		1 x S / PDIF		
Service LED	-		Yes		-		
Redundant Power Supply	-		Yes		Yes		
Disk Tray Lock	-		-		Yes		
LCD Panel	-		-		Yes		

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

Software & Features

- Operating System**
 - ADM 2.4 Onwards
 - 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 LUNs: 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 Interface
 - 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, TFTP, WebDAV, Rsync, SSH, SFTP, iSCSI, HTTP, HTTPS, Proxy
- Security**
 - AES 256-Bit Folder Encryption
 - 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, 한국어, 繁体中文, 繁體中文, Česká, 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)*
 - 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 (Broadcasting)
 - ASUSTOR Download Assistant for Windows & Mac
 - ADownload for iOS & Android
- Dropbox**
 - Each ADM Account is Able to Individually Log in to One Dropbox Account
 - Support Sync Backup
- 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 Lossless), M4P, M4R, MP3, WAV
 - Supported Video Formats: M4V, MOV, MP4
 - Supported Playlist Formats: M3U, WPL
- LooksGood**
 - Currently only available for Windows Chrome. Installation of the VLC media player browser plug-in 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**
 - Web-based File Management
 - ISO File Mounting
 - Share Links
 - Data Access via External Optical Drive
 - Supports video playback
- UpnP Media Server**
 - Offers 3 Different Server Choices: UPnP v1, UPnP v2, MiniDLNA
 - Supports PS3/Box 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, TRP, TS, VOB, WMV, RMVB, VDR, MPE
 - Supported Audio Formats*: 3GP, AAC, AC3, AIFC, AIFF, AMR, APE, AU, AWB, FLAC*, 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®
 - 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)*
- 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 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 series.

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More Than Just Storage

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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 17 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* which means that you can easily swap out all your old disks for higher capacity ones without turning off your NAS.

* You must use RAID 1, 5, 6, or 10

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



The Perfect Balance Between Protection and Performance

ADM features multiple RAID configurations allowing users to simultaneously enjoy blazing access speeds and data security without having to worry about losing data due to damaged hard disks.

- Support for JBOD, RAID 0/1/5/6/10
- Support for hot swap
- Support for spare drive

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.

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.

*Currently only available for Windows Chrome. Installation of the VLC media player browser plug-in 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?

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.

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 device
- 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

Added data protection while maintaining high performance

AS 70/61 series devices utilize CPUs with built-in Intel AES-NI 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

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.

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 device
- Supports TCP and UDP
- Auto log archiving
- User-defined email notification

Virtualization Ready

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Optimized SSD performance

ASUSTOR NAS supports the SSD Trim command, allowing the SSDs installed on the NAS to maintain stable read/write performance while simultaneously controlling the frequency of overwriting to specific blocks, extending the life of SSDs.

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 + 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.

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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.

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.

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/tag it and your TV can begin playing the video! AiCast allows you to use the most intuitive method to enjoy movies/tv entertainment.

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.

Hardware Specifications

	Home					
	AS1002T	AS1004T	AS-202T	AS-204T	AS-202TE	AS-204TE
Processor	Marvell 88F6820 ARMADA-385 1GHz Dual-Core Processor		Intel® Atom™ 1.2 GHz Dual-Core Processor			
Memory	512 MB DDR3		512 MB DDR3		1 GB DDR3	
Internal Disk*	2 x (3.5" SATA III/II HDD) ; 4 x (3.5" SATA III/II HDD)		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)	
External Device Interface	2 x USB 3.0 (1 USB 3.0 port in the front; 1 USB 3.0 port in the rear)					
LAN Port	1 x Gigabit					
Dimensions (HxWxD)	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	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	1.87 kg / 4.12 lb	3.4 kg / 7.51 lb	1.87 kg / 4.12 lb	3.4 kg / 7.51 lb
Power	External Power Adapter: 60W	External Power Adapter: 85W	External Power Adapter: 100-240V AC	Internal Power Supply: 100-240V AC	External Power Adapter: 100-240V AC	Internal Power Supply: 100-240V AC
Operation	-	-	19.7 W	34 W	19.7 W	36.1 W
Disk Hibernation	-	-	12.9 W	21.5 W	13 W	22.6 W
Sleep Mode (S3)	-	-	0.8 W	0.8 W	0.8 W	0.8 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, RAID 1/5 + Hot Spare	Single, JBOD, RAID 0/1	Single, JBOD, RAID 0/1/5/6/10, RAID 1/5 + Hot Spare
HD Display	-	-	-	-	-	1 x HDMI 1.4a
Infrared Receiver	-	-	-	-	-	Yes
Audio Output	-	-	-	-	-	3.5mm Audio Jack
Disk Tray Lock	No HDD Tray					
LCD Panel	-					

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