What is ADM?

ASUSTOR Data Master

App Central : Unlimited Potential

- 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

Intuitive User Interface with Zero Learning Curve

- Intuitively displays NAS functions
- Similar to most widely used operating systems
- True multitasking and background operation
- Customizable "My Favorites" (Pin)
- Customizable desktop background and paging

ADM 2.0

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.

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 their data due to damaged hard disks.

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

On Weekdays...

Comprehensive Support for the Office — 8:53

Seamless Cross-Platform File Sharing

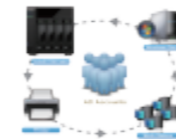Support for Windows, Mac OS X and Unix-like operating systems

- Windows : CIFS/SMB, FTP and WebDAV
- Mac OSX : AFP, SMB, FTP and WebDAV
- Linxu : NFS, SMB, FTP and WebDAV

Windows AD Support

Simplify your IT management by adding an ASUSTOR NAS to any exisiting Windows AD domain. AD users will then be able to use their own AD accounts to log in and access the NAS.

VPN Client Support

Secure Access With VPN Connections

- Supports PPTP and OpenVPN connection protocols
- Supports PAP, CHAP, MS CHAP and MS CHAP2 authentication
- Supports MPPE encryption

Flexible Virtual Environment Deployment

Comprehensive iSCSI and NFS support; Verified as VMware, Citrix and Hyper-V ready.

Complete Network Surveillance

Surveillance Center

- Simultaneously manage multiple IP cameras
- Dynamic video playback
- Motion trigger recording
- Centralized monitoring of all events and feeds
- Real-time video surveillance
- Continuous and scheduled recording
- Event notification via E-mail or SMS
- Synchronized sound recording
- Comprehensive event log

Time to Take a Break — 13:14

Your NAS's Download Powerhouse

- Supports BitTorrent (torrent and magnet link), HTTP and FTP downloads
- Supports Xunlei, Flashget and QQ downloads
- Supports real-time torrent searches
- Choose files to download before a BitTorrent task starts
- RSS subscriptions and automatic downloading (broadcatching)
- Customizable download schedule
- Supports private trackers
- Dedicated mobile app (AiDownload) with Push Notification
- Use AiDownload to search for content and monitor your downloads

Anywhere Access for All Your Music

SoundsGood is a Web music player that allows you to play all music stored on the NAS and share music with family and friends.

- Import any music source
- Personalized music source
- Intuitively edit playlists
- Supports editing of ID3 tags
- Supports local USB/HDMI/Audio ject speaker output
- Supports audio transcoding (Flac)
- Manage user access rights (local speaker output, music sources, ID3 editing)

A Lifesaver During Meetings — 15:43

Your NAS's File Manager

You can use File Explorer to manage all files on your NAS. Also easily manage your file directory structure via drag and drop.

- Content management for external storage devices (USB and eSATA)
- Online file compression and decompression
- ShareLinks for downloading files from the NAS
- ISO file mounting for immedate access to contents of the file

Dropbox on your NAS

The Dropbox App provides cross-cloud data management while also allowing each individual user to sync their Dropbox account with the NAS.

End of Day System Check and Backup — 18:53

Comprehensive Backup Solutions

ASUSTOR offers a host of flexible options for backup deployment.

- Two-way transfer support for Rsync, FTP, Amazon S3 and external devices
- Windows backup software: Backup Plan
- Full support for Apple Time Machine

Dr. ASUSTOR

Dr. ASUSTOR acts like a family physician and performs general checkups on all of your settings. If certain settings are found to be compromising the security of your system or data, Dr. ASUSTOR will provide you with the appropriate set of instructions to fully restore security and protection.

On Weekends...

A Great Start to a Great Day — 9:00

Get an Instant Start

ASUSTOR NAS is the first NAS in the world to feature System Sleep Mode (S3) and instant wake allowing you to help save the planet while also enjoying almost instantaneous startup times.

Fill Your Home with Music

With the iTunes App, you can listen to the music on your NAS without having to turn on your computer.

- Supports playlists (M3U and WPL)
- Supports AirPlay
- Supports iOS Remote app pairing
- Supports local audio output (HDMI and USB speakers)

Cloud Access On The Go — 11:29

NAS Management at Your Fingertips

AiMaster, ASUSTOR's new NAS management mobile app allows you to easily remote control all your NAS devices no matter if you are a home user or IT administrator.

- Control multiple NAS devices from anywhere and at any time
- Receive real-time system event notifications
- Easily manage all services and applications in ADM
- Get an overview of all users and your system connection status
- Real-time control of system status
- Manage all backup jobs and schedules
- Helps you find your NAS (Find Me)

Terabytes of Data in the Palm of Your Hand

With its intuitive interface and incorporation of Dropbox and other well known cloud storage services, the AiData mobile app allows you to manage all the files on your NAS and across the cloud.

- Email download links to files on the NAS
- Offline browsing
- Offline browsing capacity limit
- Instantly upload photos from your phone
- Monitor upload and download status

Meeting Up with Friends — 14:22

Sit Back and Enjoy the Show

Turn your NAS into a multimedia player! Through the built-in HDMI interface you can play and enjoy all videos stored on the NAS.

- Supports AirPlay
- Turn your phone into a remote control: AiRemote app for iOS and Android
- Supported video formats: TS, AVI, MKV, MOV, M2TS, MP4, DAT, MPG, MPEG, VOB, TP, ISO, IFO, ASF

Share and Exchange Files

Directly transfer files and browse FTP sites from within the convenience of the ADM desktop with ASUSTOR's FTP Explorer. IT staff can also use FTP Explorer to transfer files between different NAS devices.

- Intuitive drag and drop file transfers
- FTP Site Manager to manage multiple FTP sites
- Bandwidth control for uploads and downloads
- Monitor the status of current tasks
- Supports simultaneous file transfers to multiple FTP sites
- Supports resuming downloads
- Supports FTPS (SSL/TSL)

Quality Family Time — 18:18

Enjoy Your Multimedia on Your TV

ASUSTOR NAS allows you to stream multimedia to any UPnP/DLNA compatible digital media player, LED/LCD TV, game console or mobile device.

- Stream to any UPnP/DLNA Digital Media Player
- LCD/LED TV: Sony, Samsung
- Game consoles: PlayStation 3, Xbox 360
- Mobile devices: iPhone, iPad, Android Phone & Pad with any UPnP/DLNA compatible app
- Multimedia player: any UPnP/DLNA compatible digital media player such as Xtreamer, WD TV, Dvico TViX HDPro, Popcorn Hour

Your Dedicated Web Photo Album

Create a personalized Web photo album to share with your family and friends.

- Photo album access control
- Directly upload pictures to Facebook
- Browse photos´ EXIF information
- Supported image formats: JPG, GIF, PNG

Home / SOHO | Power User / SMB

	Home / SOHO		Power User / SMB			
	AS-302T	**AS-304T**	**AS-602T**	**AS-604T**	**AS-606T**	**AS-608T**
Processor	Intel® Atom™ 1.6GHz Dual-Core Processor		Intel® Atom™ 2.13 GHz Dual-Core Processor			
Memory	1GB DDR3		1GB SO-DIMM DDR3 (Expandable. Max. 3GB)			
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)	6 x (2.5" / 3.5" SATA or SSD)	8 x (2.5" / 3.5" SATA or SSD)
External Device Interface	2 x USB 2.0, 2 x USB 3.0		4 x USB 2.0, 2 x USB 3.0, 2 x eSATA			
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	185.5 x 233 x 230 mm 7.30 x 9.17 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	2.1 kg / 4.63 lb	3.5 kg / 7.72 lb	4.3 kg / 9.48 lb	6.2 kg / 13.67 lb
Power	External Power Adaptor: 60 W	Internal Power Supply: 150 W	External Power Adaptor: 60 W	Internal Power Supply: 250 W		
Operation**	19.5 W	36.7 W	25 W	40.8 W	49.5 W	57.2 W
Disk Hibernation	13.3 W	23 W	18 W	25.3 W	30.9 W	32.8 W
Sleep Mode (S3)	0.8 W	0.8 W	1.4 W	1.4 W	1.4 W	1.4 W
Volume Type	Single, JBOD, RAID 0 / 1	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 / 6 / 10 + Hot Spare		
HD Display	1 x HDMI 1.4		1 x HDMI 1.4			
Infrared Receiver	Yes		– –			
3.5mm Audio Jack	Yes		– –			

SMB / Enterprise

	SMB / Enterprise			
	AS-604RS/AS-604RD		**AS-609RS/AS-609RD**	
Processor	Intel® Atom™ 2.13 GHz Dual-Core Processor			
Memory	1GB SO-DIMM DDR3 (Expandable. Max. 3GB)			
Internal Disk*	4 x (2.5" / 3.5" SATA or SSD)		9 x (2.5" / 3.5" SATA or SSD)	
External Device Interface	4 x USB 2.0, 2 x USB 3.0, 2 x eSATA			
Dimensions (HxWxD)	45.5 x 515 x 439 mm 1.79 x 20.28 x17.28 in		87.6 x 515 x 442 mm 3.45 x 20.28 x 17.40 in	
	AS-604RS	AS-604RD	AS-609RS	AS-609RD
Weight	7.65 kg / 16.87 lb	9.3 kg / 20.5 lb	9.9 kg / 21.83 lb	12.2 kg / 26.9 lb
Power	150 W	250 W	300 W	350 W
Operation	41.3 W	46 W	58.7 W	73.5 W
Disk Hibernation	31.6 W	32.3 W	32.8 W	44.9 W
Sleep Mode (S3)	1.4 W	6.42 W	1.4 W	2.02 W
Volume Type	Single, JBOD, RAID 0 / 1 / 5 / 6 / 10, RAID 1/ 5 / 6 / 10 + Hot Spare			
HD Display	1 x HDMI 1.4			
Infrared Receiver	– –			
3.5mm Audio Jack	– –			

*Disk not included. Check www.asustor.com for compatible disk models.
** With WD Red 3TB HDD installed

Supported OS
・ Windows XP, Vista, 7, 8, Server 2003, Server 2008, Server 2012
・ Mac OS X 10.6 Onwards
・ UNIX, Linux, and BSD

Supported Languages
・ Deutsch, English, Čeština, Dansk, Français, Italiano, Nederlands, Norsk, Polski, Русский, Suomi, Svenska, 日本語, 한글, 简体中文, 繁體中文

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

Network Protocols
・ CIFS/SMB, AFP, NFS, FTP, WebDAV, Rsync, SSH, SFTP, iSCSI, HTTP, HTTPS

Storage Management
・ Supports Multiple Volumes with Spare Disks
・ Volume Type: Single Disk, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
・ Supports Online RAID Level Migration
・ Supports Online RAID Capacity Expansion
・ Scheduled Bad Block Scans
・ Scheduled S.M.A.R.T. Scans

iSCSI
・ Maximum Targets: 256
・ Maximum LUNs: 256
・ Target Masking
・ LUN Mapping
・ ISO File Mounting
・ Supports MPIO
・ Persistent (SCSI-3) Reservations

Backup Solutions
・ Rsync (Remote Sync) Backup
・ Cloud Backup
・ FTP Backup
・ External Backup
・ One Touch Backup

Network
・ TCP/IP (IPv4 & IPv6)
・ Link Aggregation: Supports 802.3ad and Six
・ Other Modes for Load Balancing and/or Network Failover [1]
・ Jumbo Frame (MTU)
・ ASUSTOR Cloud Connect™
・ Wireless Network[2]
・ DDNS and EZ-Router
・ VLAN
・ VPN Client (PPTP & OpenVPN)
・ Supports WOL (Wake-on-LAN)

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

Access Control
・ Maximum Number of Users: 4096
・ Maximum Number of Groups: 512
・ Maximum Number of Shared Folders: 512
・ Maximum Number of Concurrent Connections: 512
・ Supports Windows Active Directory

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

ASUSTOR Highlights
・ System Migration
・ Searchlight
・ Cloud Connect
・ Dr.ASUSTOR
・ 2-way Backup

❖ Featured Apps

File Explorer
・ Web-based File Management
・ ISO File Mounting
・ Share Links
・ Task Monitor

Surveillance Center
・ Live Monitoring (4 Free Channels)
・ Multiple Channel Playback with Audio
・ Supported Browsers: Internet Explorer, Chrome, FireFox (Windows only)
・ Event Notification

UPnP Media Server
・ Supports PS3 and Other Digital Media Player Capable Devices
・ Supports On-The-Fly Transcoding for Most RAW Images and Audio (OGG, FLAC)
・ Supported Image Formats: BMP, GIF, ICO, JPG, PNG, PSD, TIF, RAW Image[3] (3FR, ARW, CR2, CRW, DCR, DNG, ERF, KDC, MEF, MOS, MRW, NEF, NRW, ORF, PEF, RAF, RAW, RW2, SR2, X3F)
・ Supported Audio Formats: 3GP, AAC, AC3, AIFC, AIFF, AMR, APE, AU, AWB, FLAC1, M4A, M4R, MP2, MP3, OGG Vorbis1, PCM, WAV, WMA
・ 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

FTP Explorer
・ Directory Structure View with Drag & Drop Transfers
・ Task Monitor
・ Stopping of Transmission Task & Resumption of Connection
・ Encrypted Connections
・ FTP Site Manager
・ Bandwidth Control
・ Maximum Simultaneous Transfer Control

Photo Gallery
・ Personal Web Photo Albums
・ Supported Image Formats: JPG/JPEG, GIF, PNG, BMP, TIFF, RAW (ARW, CR2, CRW, DNS, DCR, ERF, K25, KDC, MEF, MONO, MRW, NEF, NRW, ORF, PEF, PPM, RAF, RW2, SR2, SRF)

Note:
1. Currently, Link Aggregation is only available on the 6 series
2. USB Wi-Fi dongle not included.
3. You must first enable real time transcoding for these files in order to play them.

iTunes Server
・ For iTunes on Mac & Windows
・ Supports AirPlay
・ Supports iOS Remote Pairing
・ Supported Audio Formats: AIF[4], M4A (AAC & Apple Loseless), M4P, M4R, MP3, WAV[4]
・ Supported Video Formats: M4V, MOV, MP4
・ Supported Playlist Formats: M3U, WPL

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 with Push Notification
・ Smart Download Function

SoundsGood
・ Import Personal/Public Music Collection
・ Personal/Public Music Collection Permission Control
・ Playlist Editor
・ ID3 Tag Editor
・ Local Speaker Support: HDMI, USB, Audio ject
・ Supported Audio Formats for Browser: MP3, WAV, Ogg
・ Supported Audio Formats for Transcoding Through Browser: AAC, AIFF, Flac, Apple lossless, WMA
・ Supported Audio Formats for Local Speaker: MP3, WAV, Ogg, AAC, AIFF, Flac, Apple lossless, WMA
・ ASUS DAC Support

Boxee / XBMC[5]
・ Play All Media Content Stored on NAS
・ Video Output via HDMI
・ TV Shows, Movies, Apps and More
・ AiRemote Mobile App for iOS & Android

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

4. Metadata (e.g. title) may not be able to be displayed in iTunes.
5. Currently, Boxee is only available on the 6 series while XBMC is only available on the 3 series.

Dealer Seal

Cutting-Edge Concepts for the Modern NAS

UPnP		
Download	Music	
	Secure
Backup	Movie	
Storage	Cloud	FTP
		Web
		Network

BC AWARD
BEST CHOICE 2013

▶ A perfect union of hardware and software

▶ Intuitive user interface with zero learning curve

▶ Maximize your NAS experience with over 90 different Apps