Software & Features

Operating System
· ADM 1.0 Onwards
· Built-in App Central for Various Apps

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, Français, Italiano, Nederlands, Polski, Русский, 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

File System
· Internal Disk: EXT4
· External Disk: FAT32, NTFS, EXT3, EXT4, HFS+

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

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

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

Network
· TCP/IP (IPv4 & IPv6)
· Link Aggregation: Supports 802.3ad and Six Other Modes for Load Balancing and/or Network Failover
· Jumbo Frame (MTU)
· VLAN
· ASUSTOR Cloud Connect™
· Wireless Network[1]
· DDNS and EZ-Router

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

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

File Explorer
· Web-based File Management
· ISO File Mounting
· Share Links

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[2] (3FR, ARW, CR2, CRW, DCR, DNG, ERF, KDC, MEF, MOS, MRW, NEF, NRW, ORF, PEF, PPM, 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

iTunes Server
· For iTunes on Mac & Windows
· Supports AirPlay
· Supports iOS Remote Pairing
· Supported Audio Formats: AIF[3], M4A (AAC & Apple Loseless), M4P, M4R, MP3, WAV[3]
· 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

Boxee
· 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

Note:
1. USB Wi-Fi dongle not included.
2. You must first enable real time transcoding for these files in order to play them.
3. Metadata (e.g. title) may not be able to be displayed in iTunes.

asustor

Presenting the All New 6 Series
A perfect union of hardware and software; an extraordinary new experience

- World's first NAS with System Sleep Mode
- A boundless variety of Apps
- Built-in HD media player
- Flexible 2-way backup solutions
- AES 256-bit folder based encryption
- Apple Time Machine support
- Anywhere access with Cloud Connect™
- Hot swappable design
- Online RAID level migration & capacity expansion

Dealer Seal

intel Atom inside | CITRIX ready™ | Windows Server 2008 Hyper-V | vmware READY | DDR III | USB 3.0 | SATA3 | FullHD

The Amazing Starts Here

ASUSTOR Data Master (ADM) is an operating system developed by ASUSTOR Inc. that comes pre-installed on every ASUSTOR NAS. With its App-based design, ADM is sure to satisfy all of your digital lifestyle needs.

An Extraordinary Experience Every Time

ADM comes with a fresh and vibrant user interface that features:

· Intuitive and familiar modern OS controls
· True multitasking and background operation
· Real-time application search for instant launches
· The freedom to design the look and feel of your desktop

App Central: Unleash Your NAS

The applications that come pre-installed with each ASUSTOR NAS are just the beginning. At your convenience, browse through and download any Apps that peak your interest from App Central.

· A boundless variety of Apps to maximize your NAS experience
· Explore the unlimited potential of NAS by giving it added functionality
· Create a customized and multi-featured NAS for yourself
· App categories include:

- Multimedia Server & Player
- Office Productivity
- Download Management
- E-commerce
- Database Management
- Web Hosting
- Project Collaboration
- Security

Made for Your Mac

You'll love using an ASUSTOR NAS with your Mac

· Native applications for Mac OS and iOS
· Secure and share your iTunes and iPhoto libraries
· Support for HFS+, Bonjour, AirPrint, Remote and more

Enhance your NAS with Dropbox

Sync your Dropbox data to your ASUSTOR NAS

· Easy cross-cloud data management
· All users on an ASUSTOR NAS are able to use their own Dropbox accounts to synchronize data with the NAS
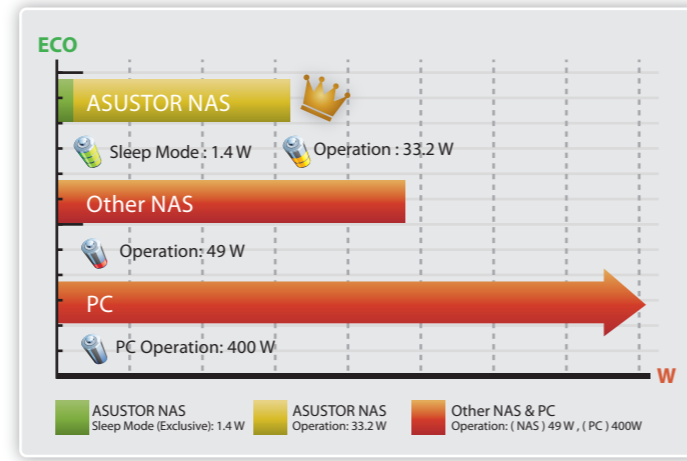
Military Grade AES 256-bit Encryption

ASUSTOR's folder based encryption offers significant benefits when compared with other volume based encryption solutions.

	ASUSTOR NAS (Folder Based Encryption)	Other NAS (Volume Based Encryption)
Flexibility	✔	✘
System Efficiency	✔	✘
Security	✔	✔

Low Power Consumption

ASUSTOR NAS consumes less power than the average NAS and is the first NAS in the world to feature System Sleep Mode.

ECO

ASUSTOR NAS
Sleep Mode: 1.4 W   Operation : 33.2 W

Other NAS
Operation: 49 W

PC
PC Operation: 400 W

W

■ ASUSTOR NAS Sleep Mode (Exclusive): 1.4 W
■ ASUSTOR NAS Operation: 33.2 W
■ Other NAS & PC Operation: (NAS) 49 W , (PC) 400W

Based on the power consumption of the AS-604T model and the average power consumption of 4-bay NAS devices and PCs from leading manufacturers.

Complete Backup Solution

ASUSTOR NAS is a complete backup solution that offers a host of flexible options for your backup and storage topology.

· Rsync, FTP, cloud, external and One Touch backup
· Two-way transfer support for all backup modalities
· Deployment options include: active or passive centralized backup server and remote replication backup server
· Backup via Time Machine for Mac and Backup Plan for Windows

Unified Storage

Leverage the benefits of both iSCSI and NAS with ASUSTOR NAS

· Deploy your virtualization environment with flexibility
· ASUSTOR offers the most cost effective virtualization solution

	FC SAN	iSCSI	NAS (NFS, CIFS)	ASUSTOR NAS Unified Storage (iSCSI + NAS)
Performance	Excellent	Good	Good	Good
Protocol Level	Block	Block	File	Block & File
Cost	$$$$$	$$$$	$$	$$$

Media Player
· Connect your NAS to any HDMI-ready display and play all your multimedia content

For Mac
· Backup via Apple Time Machine
· Support for access via AFP and SAMBA

Multimedia Streaming Server
· Stream music, movies and photos from your NAS
· Organize all your multimedia in one place
· Apps include: UPnP Media Server, iTunes Server, Plex Media Server

Surveillance Center
· Simultaneously monitor multiple IP cameras
· Alarm trigger, motion trigger and schedule functions
· Instant alert notifications

Download Center
· 24/7 non-stop downloading
· Energy efficient download solution
· Smart download function
· AiDownload for iOS & Android with push notification

Multi-Purpose Server
· Cross platform file server for Windows, Mac, and Unix-like OS
· Backup server for all your devices
· Access via CIFS/SAMBA, AFP, NFS, FTP, WebDAV, HTTP/HTTPS and SSH

For Windows
· PC or server backup via Backup Plan utility
· Support for access via CIFS/SAMBA
· Support for Windows AD

Printer Server
· Share up to three USB printers among all your devices

Hardware Specifications

	AS-602T	AS-604T	AS-606T	AS-608T	AS-604R / AS-609R
Processor	Intel® Atom™ 2.13 GHz Dual-Core Processor				
Memory	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)	6 x (2.5" / 3.5" SATA or SSD)	8 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)
External Device Interface	4x USB 2.0, 2x USB 3.0, 2x 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	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	45.5 x 515 x 439 mm 1.79 x 20.28 x 17.28 in / 87.6 x 515 x 442 mm 3.45 x 20.28 x 17.40 in
Weight	2.1 kg / 4.63 lb	3.5 kg / 7.72 lb	4.3 kg / 9.48 lb	6.2 kg / 13.67 lb	9.3 kg / 20.5 lb / 12.2 kg / 26.9 lb
Power	External Power Adaptor:60W	Internal Power Supply: 250W			Internal Redundant Power Supply: 250W** / Internal Redundant Power Supply: 350W**
Power Consumption	Operation:23.5W Disk Hibernation:19W Sleep Mode (S3):1.4W	Operation:33.2W Disk Hibernation:26.2W Sleep Mode (S3):1.4W	Operation: 40.3W Disk Hibernation: 30.2W Sleep Mode (S3): 1.4W	Operation:46W Disk Hibernation: 32.3W Sleep Mode (S3): 1.4W	Operation: 49.8 W Disk Hibernation: 37.5W / Operation: 73.5 W Disk Hibernation: 44.9W
Volume Type	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				None

*Disk not included. Check www.asustor.com for compatible disk models.
**Individual power supply is also available.