# asustor

# AS6202T

## A Flagship Model for Both Work and Play

- Dual-channel memory for ultra high speed performance.
- Multifunctionality for unlimited possibilities.

intel CELERON inside™

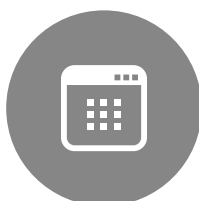| 2 Lan Ports | 2 eSATA | 3 USB3.0 | AES-NI |
| Expandable MAX 8G | HDMI™ | S/PDIF | 4K ULTRA HD |

Performance King

Boundless Functionality

Intuitive UI

Incredible Value

3year warranty

# Powerful Performance

The AS6202T is equipped with the latest generation Intel Celeron (Braswell) quad-core processor along with 4GB of dual-channel memory. It features read and write speeds of over 223.64 MB/s and 219.99 MB/s under RAID 1 configurations. ASUSTOR meets enterprise encryption demands with the built-in AES-NI hardware encryption engine, providing read and write speeds of over 222.97 MB/s and 117.88 MB/s for encrypted data. Your data is completely protected from the moment it is first stored on the NAS. This means that you never have to worry about your confidential data falling into the wrong hands even if your hard disks become lost or stolen.



X2

2Gbps Wired Speed

X2

### Link Aggregation (RAID 1)

**223** MB/S
Read

**219** MB/S
Write

### Access with hardware Encryption enabled( (RAID 1)

**222** MB/S
Read

**117** MB/S
Write

# Data Protection Starts with Storage

ASUSTOR understands that your data is priceless, therefore ASUSTOR NAS provides different RAID Volume options, giving your data various levels of protection from the moment it is first stored on the NAS. We recommend you plan your storage protection based on your NAS model and number of hard disks. Data protection has never been so simple.



RAID 1          RAID 5          RAID 6

| | Single | JBOD | RAID 0 | RAID 1 | RAID 5 | RAID 6 | RAID 10 |
|---|---|---|---|---|---|---|---|
| Minimum number of disks | 1 | 2 | 2 | 2 | 3 | 4 | 4 |
| Faulty Disks Tolerated | X | X | X | 1 | 1 | 2 | 2 |
| Increased System performance | X | X | V | X | V | V | V |
| Maximum use of Storage space | V | V | V | X | X | X | X |

## Comprehensive Backup Solutions

The AS6202T provides over 12 different backup options and is connected to a variety of public cloud storage services including Amazon S3, Dropbox, Google Drive, OneDrive, Box.net, HiDrive, Ralus, WonderBox, xCloud and CrashPlan. You can also use FTP Explorer, USB external hard drive enclosures, external hard drives and local backup to ensure proper backup for your data. No matter if you are using Windows, Mac or Linux, ASUSTOR provides the proper tools for your backup needs.

## Exclusive MyArchive Cold Backup Technology Unlimited Capacity Expansion

MyArchive cold backup technology turns NAS hard disks into removable storage archives. Directly insert a MyArchive hard disk into the NAS to easily access, backup and share terabytes of content.

# MyArchive

- Saves power during system standby
- Create an unlimited number of MyArchive hard disks
- Utilizes built-in SATA 6 GB/s interface for faster data transfers
- Compatible with add-on NFS/EXT4/HFS+ file system devices
- Supports AES 256-bit encryption
- Decryption via physical USB key

## Virtual Machine Applications VirtualBox + ASUSTOR Portal = PC

Turning your NAS into a computer with 24/7 availability and tremendous energy efficiency is no longer just a dream. After upgrading the AS6208T to 4GB of memory or more, you will be able to use VirtualBox to install different types of operating systems to your NAS, creating virtual machines. After creating a virtual machine, your NAS can become your company's backup computer, allowing IT staff maximize resources and achieve optimal effectiveness.

4GB Upgrading

## Multi-Layered Protection from the Outside in

ASUSTOR NAS ensures data security by creating an in-depth data protection plan that protects your data from the outside in. Utilization of a multi-layered deployment scheme allows for the achievement of active network, system and data protection.

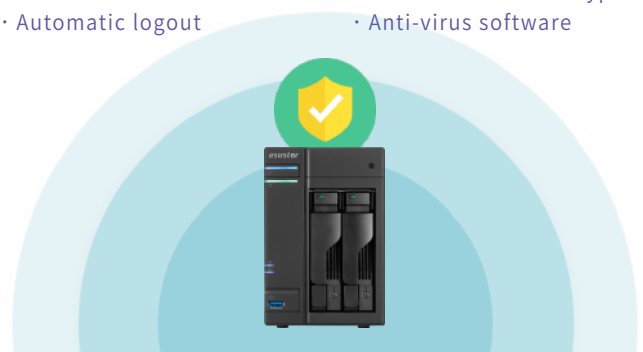**Network Attack Protection**
· Firewall
· ADM Defender

**Access Control**
· File/Folder/App Isolated
· 2-Step Verification

**Secured Data Transmission**
· VPN connection
· SSL certificate connection
· Automatic logout

**Internal Data**
· MyArchive Offline Backup
· AES-256 folder encryption
· Anti-virus software

## Comprehensive Surveillance System

The powerful AS6202T provides optimal reliability for home and SMB users looking to set up a surveillance system. 4 free camera channels are offered, making it an extremely cost-effective surveillance solution for users with smaller demands. For users with larger demands, the number of camera channels can be expanded up to 36 via purchasable camera licenses. After installing Surveillance Center and its corresponding mobile app AiSecure, users will also be able to stream live surveillance feeds to their smartphones while on the go, keeping an eye on their most valued assets from anywhere.
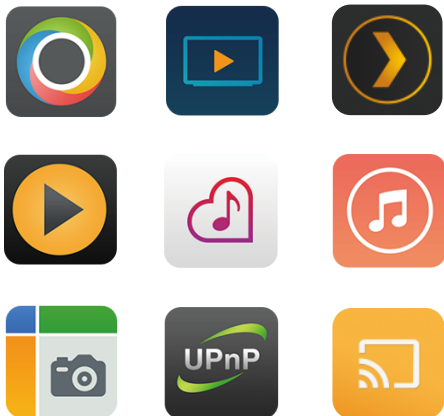
### 5 Steps 60 Sec

- Start quick installation wizard
- Automatic camera search
- Add cameras with just one click
- Configure video format
- Configure recording schedule

Supports up to
36
camera channels

## Integrates a Variety of Enterprise Applications

Datastore

ASUSTOR's snapshot technology provides almost instantaneous creation of snapshots. It saves a significant amount of time and storage capacity when compared with traditional LUN backups. Should files become damaged or corrupted, the simple and intuitive interface allows administrators to quickly restore data, completing disaster recovery in the fastest time possible and providing uninterrupted service.
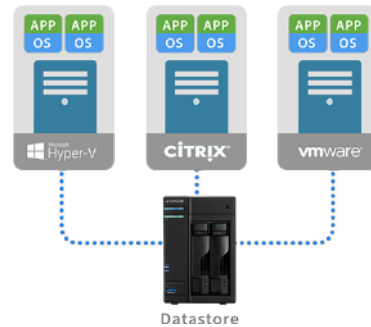
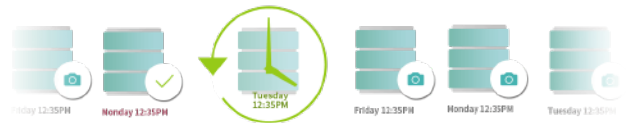## Created for the Digital Home

ASUSTOR NAS allows you to enjoy thrilling digital entertainment at any time. Via the built-in HDMI port and various multimedia Apps the NAS can be connected directly to ultra high resolution TVs and players. Enjoy multimedia with family and friends or use the UPnP multimedia server to stream your favorite media to compatible computers and mobile devices.

## Mobile Apps

ASUSTOR's exclusive Cloud Connect technology allows you to connect to your NAS from anywhere with your Mobile device in order to access and share your files. ASUSTOR mobile apps provide pass code lock functions in order to protect your privacy and data. You can also make use of HTTPS connections for even more added security.
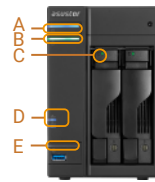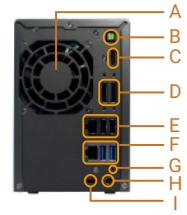
AiData   AiRemote   AiMusic   AiMaster   AiFoto   AiVideos   AiSecure   AiDownload

# Hardware Specification

## AS6202T

| | |
|---|---|
| Processor | Intel Celeron 1.6GHz Quad-Core (burst up to 2.08~2.24GHz) |
| Memory | 4GB SO-DIMM DDR3L (Expandable. MAX. 8GB) |
| Internal Disk | 2 x SATA3 6Gb/s; 3.5"/2.5" HDD/SSD |
| Network | Gigabit Ethernet x 2 |
| External Device Interface | USB 3.0 x 3, USB2.0 x 2, eSATA x 2 |
| Dimensions (HxWxD) | 163.5(H) x 108(W) x 230(D) mm |
| Weight | 2 kg / 4.41 lb |
| Power | External Power Adapter：65 W |
| Operation/Disk Hibernation/ Sleep Mode(S3) | 16.6 W / 9.5 W / 0.96 W |
| Volume  Type | Single disk, JBOD,  RAID 0 / 1 |
| HD Display | HDMI 1.4b x 1 |

A. Power LED Indicator
B. System Status LED Indicator
C. Hard Disk LED Indicator
D. Network LED Indicator
E. USB LED Indicator

A. System Fan
B. S/PDIF Port
C. HDMI Port
D. eSATA Port
E. RJ45 & USB 2.0 Port
F. RJ45 & USB 3.0 Port
G. Reset Button
H. DC Input
I. K-lock

# Software & Features

## Operating System
· ADM 3.2 Onwards
· Supports Online Firmware Updates
· Built-in App Central for Various Apps

## Supported OS
· Windows XP, Vista, 7, 8, 10, Server 2003, Server 2008, Server 2012, Server 2016
· Mac OS X 10.6 Onwards
· UNIX, Linux, BSD

## Access Control
· Maximum Numberof Users: 4096
· Maximum Number of Groups: 512
· Maximum Number of Shared Folders: 512
· Maximum Number of Concurrent Connections: 512
· Supports Windows AD
· Supports Windows LDAP

## File Explorer
· Web-based File Management
· ISO File Mounting
· Share Links
· Task Monitor
· Browse Files on Local PC
· Thumbnail Previews
· Data Access via External Optical Drive
· Supports video playback

## System Administration
· Log Type: System Log, Connection Log, File Access Log
· Real-time Online User Monitor
· Real-time System Monitor
· User Quota
· Virtual Drive (ISOMounting, Maximum 16)
· UPS Support

## 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

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

## 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

## Energy Control
· Configurable Disk Hibernation and Sleep Mode Wait Time
· Configurable Time Period for Sleep Mode Activation
· Automatic Sleep

## Supported Browsers
· Internet Explore 11 Onwards, FireFox, Chrome, Safari, Microsoft Edge

## Network
· TCP/IP (IPv4 & IPv6)
· Jumbo Frame (MTU)
· VLAN
· EZ Connect
· Wireless Network
· DDNS 和 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/IP-SAN, HTTP, HTTPS, Proxy, SNMP, Syslog

## Security
· AES 256-Bit Encryption
· Firewall: Prevent Unauthorized Access
· Alert Notifications: E-mail, SMS
· Encrypted Connections: HTTPS, FTP over SSL/TLS, SSH, SFTP, Rsync over SSH
· Built-in Hardware Encryption Engine:
· RAID Scrubbing: detects the integrity and consistency of RAID 5 and RAID 6 drive data

## Backup Solutions
· Rsync (Remote Sync) Backup
· Cloud Backup
· FTP Backup
· External Backup

## EZ Sync Manager
· Automatically synchronizes files between a PC and NAS
· Can restore previous versions of files
· Supports file sharing
· AiData now supports accessing EZ Sync files

## Network Recycle Bin
· Share Folder-based
· Maintains Original Directory Structure and File Permission
· One-click Restore
· Supports Scheduled Emptying
· Filtering Rules

## Supported Languages
· Deutsch, English, Français, Italiano, Nederlands, Русский, 日本語, 한글, 简体中文, 繁体中文, česká, Polski, Svenska, Dansk, Norsk, Suomi, Português, Türkçe, Español, Magyar

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

## 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

## SSD Cache
· SSD-like performance with traditional hard drives
· supports read-only access and read-write cache mode
· Supported Models: AS31/32/50/51/61/62/63/64/70 series

## iSCSI/IP-SAN
· Maximum Targets: 256
· Maximum LUNs: 256
· Maximum Snapshot Versions of a Single LUN:  256
· Target Masking
· LUN Mapping
· ISO File Mounting
· Supports MPIO
· Persistent (SCSI-3) Reservations

## Sever
· VPN sever, SNMP sever, RADIUS sever, Syslog sever, Mail sever, DHCP sever, Web sever, FTP sever, Print sever, Rsync sever

# Featured Apps
· Antivirus
· ASUSTOR Portal (HDMI Local Output)
· Download Center
· FTP Explorer
· DataSync for CloudDrive
· iTunes Server
· VirtualBox
· RADIUS Server
· Mail Server

· LooksGood
· Photo Gallery
· SoundsGood
· Takeasy
· Linux Center
· Surveillance Center
· UPnP Media Server
· VPN Server
· VPN Client

# Mobile Apps
· AiMaster
· AiFoto
· AiMusic
· AiVideo

· AiData
· AiDownload
· AiSecure
· AiRemote

Dealer Seal