asustor

⬦ LOCKERSTOR 10
AS6510T

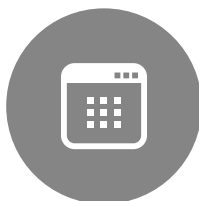**Shift into overdrive with dual Intel 10GbE, M.2 SSD Cache and 2.5GbE!**

- Intel Denverton-based Atom C3538 Quad-Core CPU
- 8GB DDR4-2133 SO-DIMM - 30% faster than DDR3
- Dual Intel 10-Gigabit Ethernet ports - Supports up to 20 Gbps under Link Aggregation
- Dual Realtek 2.5-Gigabit Ethernet ports - Supports up to 5 Gbps under Link Aggregation
- Supports 8x 3½" SATA hard drives
- Dual M.2 NVMe SSD ports for fast caching
- Supports an extra 128 TB with the AS6004U
- Thumbscrews for easy M.2 SSD installation
- Supports Wake on LAN and Wake on WAN
- Efficient cooling design
- Best in class three year warranty

Performance King

Boundless Functionality

Intuitive UI

Incredible Value

3 Year Warranty
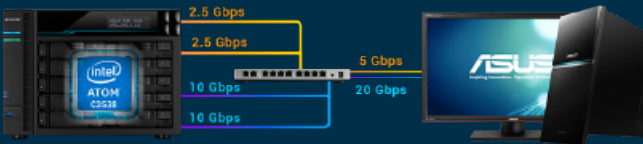
Smallest Enterprise Intel 10-Gigabit NAS

All new front panel design.

2 x 10 Gigabit
2 x 2.5 Gigabit

Dual 10 and 2.5 Gigabit ports. Faster than ever

The all new Lockerstor series of NAS feature dual Intel 10-Gigabit Ethernet ports as well as dual Realtek 2.5-Gigabit Ethernet ports. With a managed switch that supports multiple speeds, take advantage of up to 20 gbps of speed with both 10-Gigabit ports or up to 5 gbps on both 2.5-Gigabit ports.
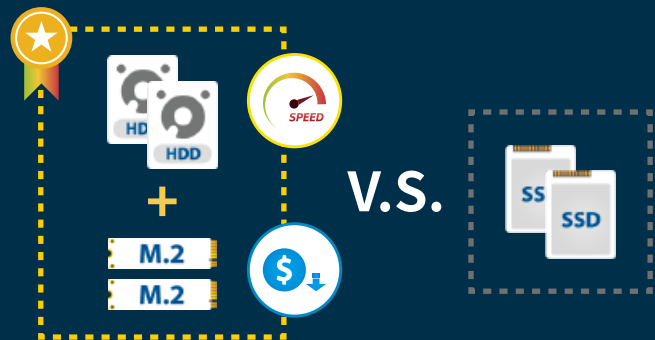
*Two Cat 6a and two Cat 5e cables included in box.

SSD Speeds for Hard Drive Prices - SSD Caching

The recently updated ADM features an updated Linux Kernel and additional performance enhancements. The Lockerstor series introduce M.2 PCIe NVMe SSD caching increasing performance.

1. Lockerstor NVMe SSD caching increases performance by up to 60%.
2. Lockerstor NVMe SSD caching is faster than if all bays were filled with SATA SSDs while remaining cheaper.

With dual 10-Gigabit Ethernet, bottlenecks on NVMe SSDs have been lifted, making the Lockerstor one of the fastest NAS devices ever.

Link Aggregation (RAID 5) 10 GbE

2348 MB/S
Read

1040 MB/S
Write

Link Aggregation (RAID 5) 2.5 GbE

565 MB/S
Read

553 MB/S
Write

* Performance figures are achieved in the ASUSTOR lab using state of the art client computers under optimized network settings, and could vary in different environments. Ordinary desktop or notebook computers may be unable to reproduce these figures.
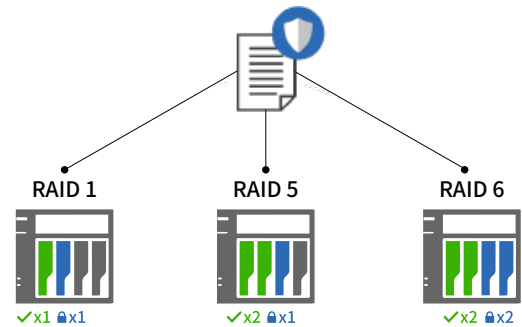
Ten Bays with Flexible M.2 SSD Caching

The AS6510T is a cost-effective large capacity NAS designed for enterprise environments. The AS6510T supports online capacity expansion, allowing for the flexible purchase of enterprise storage equipment. When your budget and storage requirements are smaller, you can purchase a smaller number of hard disks. Additional disks can be purchased as your storage requirements grow. Combined with ASUSTOR's MyArchive storage technology, this allows you to effectively achieve unlimited storage.
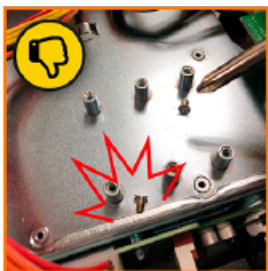
Data Protection Starts with ASUSTOR RAID

ASUSTOR understands that your data is priceless, therefore an ASUSTOR NAS provides different RAID 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 drives. Data protection has never been so simple.
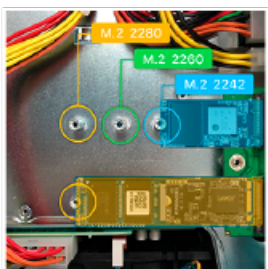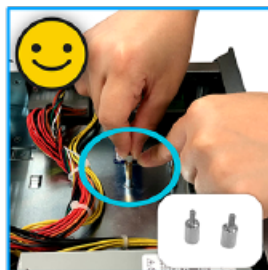

RAID 1 ✓x1 🔒x1 **RAID 5** ✓x2 🔒x1 **RAID 6** ✓x2 🔒x2

	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	✗	✗	✗	1	1	2	1
Increased System performance	✗	✗	✔	✗	✔	✔	✔
Maximum use of Storage space	✔	✔	✔	💾 x ½	💾 -1	💾 -2	💾 x ½

Thumbscrews for easy M.2 SSD installation
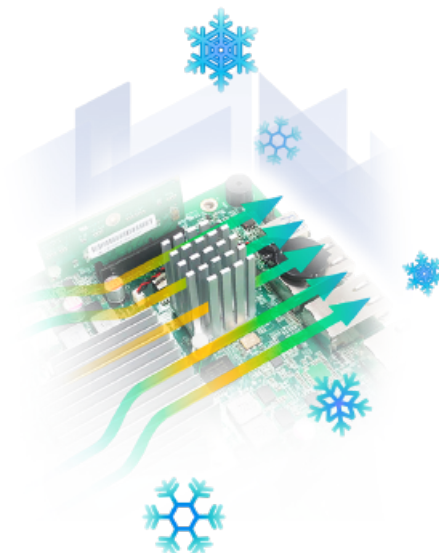

Regular screws are difficult to handle

Thumbscrews are easier to manipulate

Two M.2 2280, 2260 or 2242 slots supporting NVMe and AHCI SSDs

Powerful and high efficient cooling design

The Lockerstor utilizes PWM fans with smart speed controls and heatsinks with push-pin mounting to achieve optimal airflow, enhancing stability and maintaining high performance even under high loads. The Lockerstor's improved design features improved heatsinks that are taller than previous models to ensure even more efficient cooling and heat dissipation.

Protected From the Inside and Out

Protect your data from loss, damage and attacks with the Nimbustor 2 and 4. A Nimbustor is better protected by running the Linux-based ADM, employing a built-in firewall, ClamAV Antivirus, MyArchive and ADM's various backup tools help protect ransomware even better.

Network Attack Protection
· Firewall
· ADM Defender

Secure Data Transmission
· VPN connection
· SSL certificate connection
· Automatic logout

Internal Data
· MyArchive offline backup
· AES-256 folder encryption
· Antivirus software - ClamAV

Access Control
· File/folder/app isolation
· 2-Step Verification
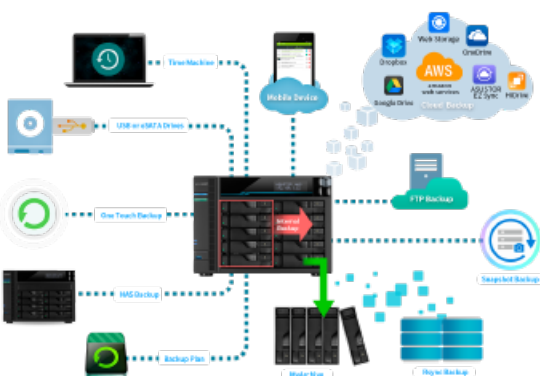· Wake-on-LAN (WOL)
· Wake-on-WAN (WAN)

Wake Up From Anywhere

The Lockerstor 8 and 10 feature Wake on WAN technology. No specialized equipment or settings are needed to wake the NAS. Simply use ASUSTOR's wide variety of mobile apps, including but not limited to AiMaster, AiMusic, AiVideos and AiData to turn the NAS on or off remotely. Wake on WAN helps protect data by keeping the NAS powered off when not in use; thereby helping to prevent attacks, protects data integrity by remaining powered off during power failures and Wake on WAN also saves electricity, making for an even more efficient NAS.

Comprehensive Backup Solutions

ASUSTOR's comprehensive backup solution provides more than twelve backup options, including, but not limited to Amazon S3, Dropbox, Google Drive, and Onedrive. ASUSTOR Backup Plan for Windows as well as Time Machine for macOS provide easy backups for desktop and laptops while MyArchive removable hard drives provide long term storage. Btrfs is now supported and with Snapshot Center, can take snapshots of your information in the event of unintentional modification. Restore previous versions easily with Snapshot Center.

Cross-Platform Multi-User Access

The ASUSTOR NAS provides seamless cross-platform and multi-user access, allowing you to easily connect to your NAS from Windows, Mac OS X or Unix-like operating systems no matter if you are using a PC, notebook, tablet or smartphone.

4096
Accounts

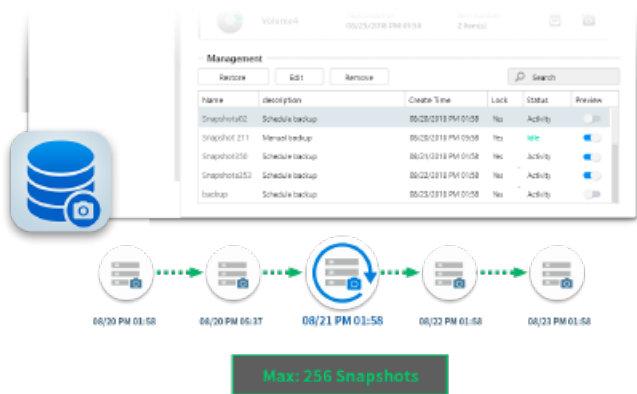**512**
Groups

512
Shared Folders
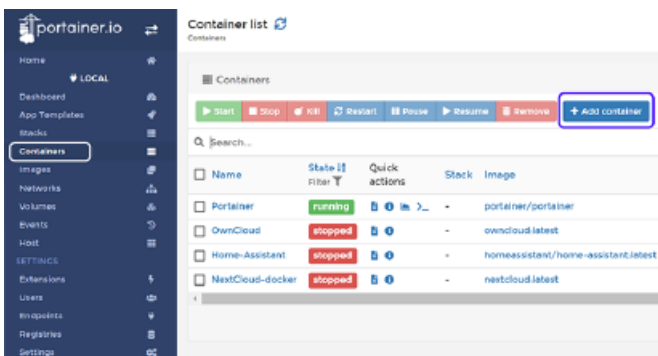
512
Concurrent Connections

Snapshot Center

Snapshot Center is a new feature for ASUSTOR NAS devices to utilize Btrfs and iSCSI volumes to take snapshots of the information inside a NAS. Snapshot Center supports up to 256 snapshots of a volume and can be done every five minutes, creating a backup that can be restored easily if data is damaged or lost.

ASUSTOR EZ Sync

1. All new UI. Simpler and easier to operate. View NAS information quickly.
2. More complete settings - offering detailed folder lists. Easily select folders and files not in a folder.
3. Notifications for abnormal status
4. Support 2-step verification increase account safety.
5. Improve NAS connecting and file sync system stability for better user experience.

Portainer
– Easy Docker Deployments

Even more possibilities for ADM with Portainer for Docker images. With thousands of images, Portainer can download and deploy more types of programs than ever before. Portainer is incredibly user friendly and employs a graphical interface to make Docker images easier to deploy than ever.

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.
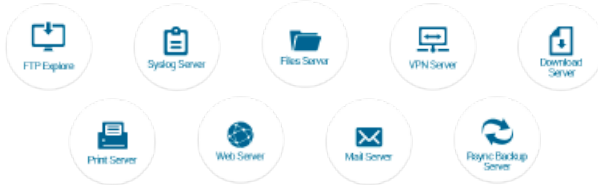
MyArchive

- Saves power during system standby
- Create an unlimited number of MyArchive hard disks
- Utilizes SATA III at 6 Gbps for faster data transfers
- Compatible with NTFS/EXT4/HFS+/exFAT
- Supports AES 256-bit encryption
- Decryption via physical USB key

Enterprise Versatility

ASUSTOR NAS offers rich variety of services for business users. For the price of one NAS you can create a multifunctional server that is worth much more.

Comprehensive Surveillance System

The powerful ASUSTOR NAS 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 64 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 Seconds

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

Supports up to
64
camera channels

File Editing and Project Collaboration

NextCloud and OnlyOffice make collaborating on projects easier than ever by creating a cloud office suite for offices to work on documents, spreadsheets, presentations and more.

App Central

Unleash the unlimited potential of ASUSTOR NAS. The applications that come pre-installed with each ASUSTOR NAS device are just the beginning. At your convenience, you can browse through and download any applications that pique your interest from App Central. Whether your interests lie in business, website construction or even digital home entertainment, App Central has got you covered. With over 200 unique Apps, App Central provides you with the boundless variety of applications that you require to satisfy your digital lifestyle needs. Explore the unlimited potential of ASUSTOR NAS devices while creating a personalized NAS device for yourself.
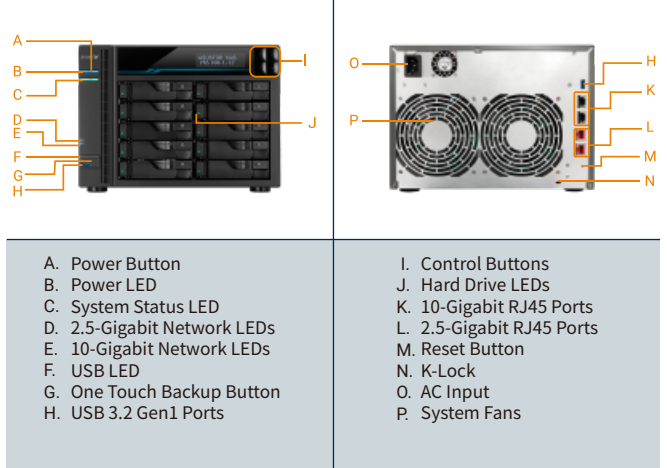

Mobile Apps

ASUSTOR's exclusive EZ 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.

Hardware Specification

LOCKERSTOR 10 (AS6510T)

Processor	Intel ATOM C3538 2.1GHz Quad-Core Processor
Memory	8GB SO-DIMM DDR4(Expandable. MAX. 32GB)
M.2 Drive Slots	2x M.2 PCIE(NvMe) or SATA3 supported M.2 2280, 2260 and 2242
Internal Disk	10x SATA3 6Gb/s; 3.5"/2.5" HDD/SSD
Network	10 Gigabit Ethernet x2; 2.5 Gigabit Ethernet x2
External Device Interface	2x USB 3.2 Gen 1 (1x Front ; 1x Rear)
Dimensions (HxWxD)	215.5(H) x 293(W) x 230(D) mm
Weight	6.4 (kg) / 14.1 (lb)
Power	Internal Power Supply: 250W
Operation/Disk Hibernation/ Sleep Mode(S3)	76.8W / 41.1W / No Sleep Mode
Volume Type	Single, JBOD, RAID 0/1/5/6/10, RAID 1/5/6/10 + Hot Spare

A. Power Button
B. Power LED
C. System Status LED
D. 2.5-Gigabit Network LEDs
E. 10-Gigabit Network LEDs
F. USB LED
G. One Touch Backup Button
H. USB 3.2 Gen1 Ports

I. Control Buttons
J. Hard Drive LEDs
K. 10-Gigabit RJ45 Ports
L. 2.5-Gigabit RJ45 Ports
M. Reset Button
N. K-Lock
O. AC Input
P. System Fans

Software & Features

Operating System
· ADM 3.4 Onwards
· Supports Online Firmware Updates

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

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
· Supports Windows Active Directory / 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 (ISO Mounting, 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

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

External Devices
· Supports USB External Storage Devices
· USB Wi-Fi Dongle Support
· Bluetooth Dongle/Speaker Support
· USB Printer Support
· USB DAC/IR Receiver/Keyboard/Mouse Support
· USB CD ROM Drives/DVD ROM Drives/BD-ROM Drives

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

Supported Browsers
· Internet Explorer 11 Onwards, Firefox, Chrome, Safari, Microsoft Edge

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
· EZ Connect
· Wireless Network
· DDNS/EZ-Router
· Supports Wake-on-LAN (WOL)
  · Only supported on 2.5 GbE port
· Supports Wake-on-WAN (WOW)
  · Only supported on 2.5 GbE port

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: AS10/31/32/61/62/63/64/70/ Nimbustor/Lockerstor(AS65) series

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

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
· On-click restore
· Supports scheduled emptying
· Filtering rules
  1.File size 2.File extension
· Deletion Settings
  1.File size 2.File date

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 Support
· Internal: ext4, Btrfs
· External: FAT32, NTFS, ext3, ext4, HFS+, exFAT, Btrfs

ACL
· Provides both Windows ACL and Linux ACL permission configuration methods
· Supports Windows ACL for specific shared folders
· Comprehensive support for 13 types of advanced permission settings found in Windows
· Can view Windows ACL permission settings from within ADM
· Supports local users and groups
· Exclusive permission reset feature 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/ Nimbustor/Lockerstor(AS65) series

Snapshots
· Btrfs Snapshots
· 256 snapshots
· iSCSI LUNs
· Support model: AS31/32/40/50/51/61/62/63/64/70/ Nimbustor/Lockerstor(AS65) series. Snapshot Center will not display Volume snapshots information in other models.

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 server, SNMP server, RADIUS server, Syslog server, Mail server, DHCP server, Web server, FTP server, Print server, Rsync server

Featured Apps
· Antivirus
· 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