

# VANTAGEO S-NAS 2208

Flexible, Scalable, and Secure



- 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

## 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.





## Eight Bays with Flexible M.2 SSD Caching

- The AS6508T is a cost-effective large capacity NAS designed for enterprise environments. The AS6508T 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 Vantageo MyArchive storage technology, this allows you to effectively achieve unlimited storage.

## 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.

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	Single	JBOD	RAID 0	RAID 1	RAID 5	RAID 6	RAID 10
Minimum Number of drives	1	2	2	2	3	4	4
Fault tolerance (Number of drives)	X	X	X	1	1	2	1
Increased transfer rates	X	X	✓	X	✓	✓	✓
Maximum Use of Storage Space	✓	✓	✓	 x1/2	 -1	 -2	 x1/2

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.

Cross-Platform Multi-User Access

- The Vantageo 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.

Comprehensive Surveillance System

- The powerful Vantageo 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.

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

Technical details

VANTAGEO S-NAS 2208 Details

Processor	Intel ATOM C3538 2.1GHz Quad-Core Processor
Memory	8GB SO-DIMM DDR4 (Expandable. max. 64GB, 32GB x2)
M.2 Drive Slots	2x M.2
Drive Bays	8
Network	10 Gigabit Ethernet x2; 2.5 Gigabit Ethernet x2
External Device Interface	2x USB 3.2 Gen 1 (1 x Front ; 1x Rear)
Dimensions (HxWxD)	215.5(H) x 293(W) x 230(D) mm
Weight	6.2 (kg)/13.67 (lb)
Power	Internal Power Supply: 250W
Operation/Disk Hibernation/ Sleep Mode(S3)	66.9W/37.2W/No Sleep Mode
Volume Types	Single, JBOD, RAID 0/1/5/6/10, RAID 1/5/6/10 + Hot Spare
Part Number	VT-8BIN2M2

Automatic Sync

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 Types: Log, Connection Log, File Access Log
- Real-time Online User Monitor
- Real-time System Monitor
- User Quota
- Virtual Drives (ISO Mounting, Maximum 16)
- UPS Support

Storage Management

- Supports 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

## 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: : AS63/64//Nimbustor/ Lockerstor (G1-G2)/ Lockerstor Pro 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

## Supported Browsers

- Internet Explorer 11 Onwards, Firefox, Chrome, Safari, Microsoft Edge

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## 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

## Server

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

## 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
- 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 Caching

- 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

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 3
- AiMusic
- AiVideos
- AiData
- AiDownload (Android)
- AiSecure
- AiRemote

Recommended support

24x7 - 4 hours Response, Next Business Day Call to Resolution CTR

24x7 - 4 hours Response, 24 Hours Call to Resolution CTR

24x7 - 4 Hours Response, 6 Hours Call to Resolution CTR

Default support Next Business Day Consulting and deployment offerings are also available. Contact Vantageo representative for the more information.

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