

# VANTAGEO S-NAS 1002

Flexible, Scalable, and Secure



The Vantageo Lite contains a 1.7 GHz CPU, which is faster than the 1.4 GHz found in the first generation of Vantageo NAS devices. The upgraded CPU also contains an upgraded iGPU that provides significant upgrades in transcoding features and performance, making the Vantageo Lite the best price-performance NAS.

## Key Features

- Realtek RTD1619B Quad-Core CPU
- 1GB DDR4 RAM
- 1x USB 3.2 Gen1 port
- Enjoy, download, upload and stream content with 4K transcoding
- Btrfs/iSCSI Snapshots
- Supports Wake on LAN

## Snapshot Center

- Snapshot Center allows Vantageo 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.

## Powered by the latest Realtek RTD1619B quad-core processors





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## Smarter Stability

- When your system volume usage approaches 100%, system performance and stability may decrease. ADM strengthens management and monitors your system storage space usage to keep the NAS stable and fast. When usage rates approach 95%, Snapshot Center, in addition to other stability measures in ADM, adds an option to prevent storage space from being completely used up by deleting older unlocked volume snapshots to preserve data integrity while maintaining system stability.

Security Upgrade

- ADM 4.2 eliminates suspicious behaviour and is able to remove or isolate problematic files or viruses in real time. It also incorporates multiple new security measures. Every time you log into ADM and AiMaster, your NAS will also detect and provide real-time information for immediate optimization.

	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

Tool-free Installation

- The Vantageo Lite’s sliding cover design allows it to be conveniently removed when needed. The hard drive rails inside and the chassis all use thumb screws for easy installation of hard drives.

Photo Gallery 3 + AiFoto 3

- The all new Photo Gallery 3 and AiFoto 3 have been revamped and brings a variety of new features to make photo organization easier than ever. New features for Photo Gallery 3 include, but not are limited to custom folder selection, timelines, smart albums, new photo modes and photo deduplication. Easily blow up photos to up to twice their size, play songs on slideshows, and customized share links make for an even better photo viewing and sharing experience.

Automatic Sync

- Vantageo EZ Sync brings the magic of cloud sync services right to your home. With an Vantageo NAS and EZ Sync, data can be synchronized anywhere with an internet connection without a monthly bill or a data limit. If data is unintentionally modified, restoration is easy with EZ Sync’s automatic file history management feature.

Mobile Apps

- Vantageo EZ Connect allows you to connect to your NAS from anywhere with your smartphone to access and share your files. Vantageo suite of mobile apps provide pass code locks to help protect your privacy and data. Make use of HTTPS connections for even more added security when using EZ Connect.

## VANTAGEO S-NAS 1002

## Protected from the Inside and Out

- Vantgeo NAS ensures data security by creating an in-depth data protection plan that protects your data from the inside out. Utilization of a multi-layered deployment scheme allows for extra system and data protection.
- **Internal Data**
  - -AES-256 folder encryption
  - -Antivirus software
  - -MyArchive
- **Access Control**
  - -File/Folder/App Isolation
  - -2-Step Verification
  - -Wake-on-LAN (WOL)
  - -Wake-on-WAN (WOW)
- **Secured Data Transmission**
  - -VPN connection
  - -SSL certificate connection
  - -Automatic logout
- **Network Attack Protection**
  - -Firewall
  - -ADM Defender

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## Comprehensive Surveillance System

- Vantageo NAS provides optimal reliability for home and small businesses looking to set up a surveillance system. Four free camera channels are provided, making it an extremely cost-effective surveillance solution for users with smaller demands. The Pro Gen2 supports up to 25 cameras with licenses sold separately. View surveillance feeds on Surveillance Center and its corresponding mobile app AiSecure. AiSecure also supports streams while on the go with an Internet connection

## Data Protection Starts with Storage

- Vantageo understands that your data is priceless, therefore an Vantageo NAS provides different RAID volume options, giving your data various levels of protection from the moment it is first stored on a 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.

## Holistic Backup Solution

- Snapshot Center, Cloud Backup Center, DataSync Center
- SMB Backup, FTP Backup, Rsync
- Expansion units

Technical details

VANTAGEO S-NAS 1002 Details

Processor	Realtek RTD1619B 1.7 GHz Quad-Core Processor
Memory	1GB DDR4 (non-upgradeable)
Drive Bays	2x 3½" SATA III
USB	1 x USB 3.2 Gen1x1; 1 x USB 2.0
LAN	1 x Gigabit Ethernet
Dimensions(HxWxD)	165x102x218 mm
Weight	1.14kg/2.5lb
Power	65W AC Adapter
Operation/Disk Hibernation	11.7W/3.1W
Volume Type	Single, JBOD, RAID 0/1

Software & Features

Operating System

- ADM 4.2 Onwards
- Supports Online Firmware Updates

Supported OS

- Windows 7, 8, 10, 11, Server 2008, 2012, 2016, 2019, 2022, macOS 10.6 Onwards, UNIX, Linux, BSD

Access Control

- Supports 2-Step Verification
- Supports Batch Creation and Importation of ADM Accounts
- 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/LDAP

File Explorer

- Web-based File Management
- ISO File Mounting
- Task Monitor
- Thumbnail Previews
- Data Access via External Optical Drive
- Supports video playback
- Share Links quick upload

System Administration

- Log Types: System 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

- Volume Type: Single disk, JBOD, RAID 0, RAID 1
- 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
- Seagate IronWolf Health Management

External Devices

- Supports USB External Storage Devices
- USB Wi-Fi Dongle Support
- Bluetooth Dongle/Speaker Support
- USB Printer Support
- USB DAC Support
- USB CD ROM Drive/DVD ROM Drive/BD-ROM

Network

- TCP/IP (IPv4 & IPv6)
- Jumbo Frames (MTU)
- VLAN
- EZ-Connect
- Wireless Network
- DDNS and 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 Folder Encryption
- Firewall: Prevent Unauthorized Access
- Alert Notifications:
- Encrypted Connections: HTTPS, FTP over SSL/TLS, SSH, SFTP, Rsync over SSH
- Built-in Hardware Encryption Engine

Backup Solution

- Rsync (Remote Sync) Backup
- SMB Backup
- FTP Backup
- External Backup
- USBOne Touch Backup
- Cloud 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

- Firefox, Chrome, Safari, Microsoft Edge

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)

Mobile Apps

- AiMaster
- AiData
- AiFoto 3
- AiDownload (Android)
- AiMusic
- AiSecure
- AiVideo
- AiRemoate

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.

Sever

- Syslog server, Mail server, DHCP server, Web server, FTP server, Print server, Rsync server
- 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

Snapshots

- Btrfs snapshots
- 256 snapshots
- iSCSI LUNs

iSCSI/IP-SAN

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

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