

VANTAGEO S-NAS 2002

Flexible, Scalable, and Secure



The Vantageo Pro Gen2 contains a 1.7 GHz CPU, which is faster than the 1.4 GHz found in the first generation of Vantageo Pro NAS devices. The upgraded CPU also includes an enhanced iGPU that offers significant improvements in transcoding features and performance, making the Vantageo Pro Gen2 the best price-performance NAS.

Key Features

- Realtek RTD1619B Quad-Core CPU
- 1x 2.5 Gigabit Ethernet
- 2GB DDR4 RAM
- USB 3.2 Gen1 ports
- Enjoy, download, upload and stream content with 4K decoding
- Btrfs/iSCSI Snapshots
- Supports Wake on LAN and Wake on WAN
- All-New Realtek RTD1619B Quad-Core Processor at 1.7 GHz
- 2.5-Gigabit Ethernet
- 2 GB DDR4 RAM
- Supports Wake on LAN and Wake on WAN

CPU and iGPU Upgrades

- The Pro Gen2 contains a 1.7 GHz CPU, which is faster than the 1.4 GHz found in the first generation of Vantageo Pro NAS devices. The upgraded CPU also contains an upgraded iGPU that provides significant upgrades in transcoding features and performance, making the Vantageo Pro Gen2 the best price-performance NAS.





Upgraded powerful internal display, smooth decoding of 4K videos

- The all-new CPU inside the Vantageo Pro Gen2 is not only faster, it also improves hardware decoding. The CPU inside the Vantageo Pro Gen2 series not only supports 4K decoding of H.264, H.265, but also supports the latest AV1 codec. AV1 is more efficient by allowing higher video quality for the same file size or equivalent quality with lower file sizes.

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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.

	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

2.5-Gigabit Ethernet

- The Pro Gen2, despite being extremely affordable contains 2.5-Gigabit Ethernet and more than doubles the performance of comparable Gigabit-class devices.

Holistic Backup Solution

- MyArchive
- Snapshot Center, Cloud Backup Center, DataSync Center
- SMB Backup, FTP Backup, Rsync
- USB One Touch Backup
- Expansion units

Hot-Swappable Tool-free Trays

- Install hard drives easily with the included tool-free trays that also support hot swapping.

Upgraded Security

- ADM 4.2 eliminates suspicious behavior 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 detect and provide real-time information for immediate optimization.

Silent, Yet Powerful

- Only 19dB on standby. Quieter than a mouse - suitable anywhere.

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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

Wake on LAN and Wake on WAN – Always on Standby

- Save power and money with Wake on LAN and Wake on WAN. Vantageo NAS features Wake on LAN and Wake on WAN to allow your NAS to power off when not in use and be woken up with a click. Use Wake on LAN when you are on the same network as the NAS while Wake on WAN is for when you are away from the NAS. Wake on LAN and Wake on WAN also protect against attacks by only waking up to your demands

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. MyArchive also now supports Btrfs and snapshots. Btrfs for MyArchive supports snapshots and version history to help protect against accidental deletions or modifications.

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

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

Technical details

VANTAGEO S-NAS 2002 Details

Processor	Realtek RTD1619B 1.7 GHz Quad-Core Processor
Memory	2GB DDR4 (non-upgradable)
Drive Bays	2
M2.Support	4x M.2
USB	3x USB 3.2 Gen 1
LAN	1x 2.5-Gigabit (Wake On WAN)
Dimensions(HxWxD)	170x114x230 mm
Weight	1.6kg/3.53lb
Power	65W AC Adapter
Operation/Disk Hibernation	13.1W/4.5W
Volume Type	Single, JBOD, RAID 0/1
Part Number	VT-2BREK

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)
- Supports Wake-on-WAN (WOW)

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

iSCSI/IP-SAN

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

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.

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)

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

Featured Apps

- ClamAV Antivirus
- LooksGood
- Download Center
- Photo Gallery 3
- FTP Explorer
- SoundsGood
- DataSync Center
- Surveillance Center
- Cloud Backup Center
- UPnP Media Server
- RADIUS Server
- VPN Client
- Mail Server
- VPN Server
- DataSync Center

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