VANTAGEO S-NAS 2406

Flexible, Scalable, and Secure

- Quad-Core 10 nm Intel Celeron N5105 CPU - 31% more performance
- Superfast 2.5-Gigabit Ethernet ports
- Flexible PCIe slot for 10GbE NICs or M.2 SSDs
- Supports PCIe 3.0 SSDs for up to twice the performance of PCIe 2.0.
- Uses DDR4-2933 - 40% more efficient
- USB 3.2 Gen 2 x 1 ports – 10 Gbps speed
- Enjoy, download, upload and stream content with 4K transcoding
- Increased ventilation for SSDs
- Supports Wake on LAN and Wake on WAN

2.5 + 2.5 = Extreme Speeds

- The LOCKERSTOR 6 Gen2 has two 2.5GbE ports which more than doubles the performance of Gigabit Ethernet devices. With the recent introduction of support for SMB Multichannel, your NAS will be able to combine the speed of multiple Ethernet ports for speeds way beyond 2.5-Gigabit Ethernet.

Also Supports 10-Gigabit Ethernet

- The PCIe slot in the LOCKERSTOR Gen 2 series is no longer proprietary and now accepts 10-Gigabit Ethernet cards for maximum flexibility.

Four M.2 Slots

- The LOCKERSTOR Gen 2 series of NAS devices come with four M.2 slots for caching or storage or both. Either use all slots for one purpose or mix and match depending on your needs.

Powered by the latest Intel Celeron N5105 Quad-Core Processors

- Intel's newest N5105 Quad-Core CPU comes with Intel 10 nm technology and up to 31% increased performance over Gemini Lake SoCs. The N5105 is clocked at 2.0 GHz with a boost of up to 2.9 GHz, enabling efficient content creation with the added flexibility of 10-Gigabit Ethernet upgrades.

Data Protection Starts with Storage

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

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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

Security Upgrade

• ADM 4.1 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.

Keeping Cool

• With up to four SSDs, a considerable amount of heat can be generated. With extra ventilation, the LOCKERSTOR 6 Gen2 ensures that all components in your NAS receive adequate cooling.

360° Backup and Virtualization Solution

• MyArchive cold storage backups
• Snapshot Center, Cloud Backup Center, DataSync Center
• Complete iSCSI/IP-SAN and NFS support
• VMware, Citrix and Hyper-V ready
• Supports Virtualization and Docker apps

Comprehensive Surveillance System

• The powerful 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 Lockerstor 2 Gen2 supports up to 44 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

MyArchive Cold Backup Technology

• MyArchive cold backup technology turns NAS hard drives into removable storage archives. Directly insert a MyArchive hard disk into the NAS to easily access, backup and share terabytes of content. When access is no longer needed, simply remove the drive for a safe offline backup or archival drive.

Technical details   VANTAGEO S-NAS 2406 Details

Processor	Quad-Core Intel Celeron N5105 2.0 Ghz - 2.9 Ghz turbo
Memory	8 GB DDR4-2933 SO-DIMM - Max. 16 GB
M.2 Support	4x M.2
Drive Bays	6
Network	2x 2.5-Gigabit - Supports Wake On WAN
Internal Expansion	1x PCIe slot for 10GbE cards*
External Device Interface	2x USB 3.2 Gen 2 x 1 (1x Front ; 1x Rear)
Dimensions (HxWxD)	185.5(H)x233(W)x230(D) mm
Weight	4.4 kg/9.7 lb
Power	250W
Operation/Disk Hibernation/ Sleep Mode(S3)	48.5W/27.7W/0.81W
Volume Types	Single, JBOD, RAID 0/1/5/6/10, RAID 1/5 + Hot Spare
Part Number	VT-6BIN4M2

Automatic Sync

Operating System
- ADM 4.2 Onwards
- Supports Online Firmware Updates
- Built-in App Central for Various Apps

Supported OS
- Windows 7, 8, 10, 11, Server 2003, Server 2008, 2012, 2016, 2019, 2022 macOS 10.6 Onwards UNIX, Linux, 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/LDAP

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

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
- 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/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
- SMB Multichannel
- EZ Connect
- Wireless Network
- DDNS/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 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

- 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

Server

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

M.2 Storage

- Supported Models: Lockerstor 2 (G1-G2)/4 (G1-G2)/6 (G2-G2)/

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/ Lockerstor Pro series

Snapshot Center

- Btrfs Snapshots
- 256 snapshots
- iSCSI LUNs
- Supported Models: AS31/32/40/50/51/61/62/63/64/70/ Nimbustor/Lockerstor/ Lockerstor Pro series Snapshot Center will not display Volume snapshots information in other models.

SSD Caching

- 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

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