

VANTAGEO S-NAS 2410

Flexible, Scalable, and Secure



- AMD Quad-Core Ryzen Embedded V3C14 @ 2.3 GHz base - 3.8 GHz turbo
- 16 GB ECC DDR5-4800 – 64 GB maximum
- 10x 2½" & 3½" drives supported
- 4x M.2 slots for NVMe SSDs – Supports PCI Express 4.0 x1
- Dual 10GbE plus dual 5GbE
- 2x USB4 (Type-C)
- 3x USB 3.2 Gen 2x1 (Type-A)
- WOL/WOW supported (5GbE)

ECC Memory Brings Extra Stability

- Error Correction Code in RAM, known as ECC memory, detects and repairs errors in memory. This improves system stability and reliability. ECC reduces the risk of data errors and ensures memory integrity in business or enterprise environments to facilitate stability in these environments. Vantageo Lockerstor Gen3 also supports up to 64 GB of DDR5 memory for that extra oomph when you need it.

AMD Ryzen Embedded V3C14 Quad-Core 6 nm Processor

- AMD Ryzen Embedded processors are designed for stability and efficiency.

USB4 Brings Lightning-Fast Speeds

- In a first for Vantageo, the Lockerstor Gen3 comes with two USB4 ports. Supporting transfer rates of up to 40 Gbps, USB4 on an Vantageo NAS makes backing up to SSDs even faster than ever before.





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. We recommend you plan your storage protection based on your NAS model and number of hard disks. Data protection has never been so simple.

No Compromises Performance

- The Lockerstor Gen3 series come with four M.2 slots for NVMe SSDs using PCI Express 4.0. This brings numerous performance and flexibility benefits. NVMe slots in an Vantageo NAS can be used for storage, caching, or both. Combine M.2 storage with the Lockerstor Gen3's dual 10-Gigabit Ethernet ports for maximum power while caching provides extra performance to hard drives installed in SATA bays.

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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

PCI Express 4.0 Brings Doubled Performance

- The Lockerstor Gen3 series is equipped with four M.2 slots for NVMe SSDs. These newly upgraded M.2 slots now support the PCI Express 4.0 bus which doubles the performance over PCI Express 3.0. ADM supports both caching and storage for faster random I/O performance done your way

Immutable data storage space, WORM is here!

- WORM (Write Once, Read Many) is a data storage technology that only allows data to be written to a storage device once and prevents it from being deleted or modified. Data stored on WORM-compliant storage is immutable. This means that once data has been written to a WORM-compliant storage device, it cannot be modified. This plays a key role when it comes to addressing data security and compliance requirements as well as protecting against ransomware and other attacks.

Keeping Cool

- High-speeds often mean high heat. The heat dissipation solution inside the Lockerstor Gen3 series is designed for maximum heat dissipation by using heat pipes and fins to take away waste heat from the CPU. This allows the CPU to keep higher boost speeds for longer, making 10GbE transfer rates and apps run faster.

Proactively Prevent Suspicious Connections

- Record suspicious IPs with the ADM. When the risk detection greylist is enabled, ADM will automatically block potentially harmful IP addresses found in the AbuseIPDB database and add them to the risk detection greylist. Denying suspicious IP connections can help further reduce the risks of a NAS being attacked and further improve data security.

360° Backup and Virtualization Solution

- Rsync, MyArchive
- 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

Technical details

VANTAGEO S-NAS 2410 Details

Processor	AMD Ryzen V3C14 Quad Core 2.3GHz up to 3.8GHz
Memory	16GB ECC DDR5-4800 SO-DIMM
M.2 Support	4
Drive Bays	10
Network	2x 10 GbE(10G/2.5G/1G/100M) + 2x 5 GbE(5G/2.5G/1G/100M)
Internal Expansion	N/A
External Device Interface	2x USB 4.0 + 3 x USB 3.2 Gen2x1
Dimensions (HxWxD)	215.5 x 293 x 230mm
Weight	6.55 kg / 14.44lb
Power	250W
Operation/Disk Hibernation/ Sleep Mode(S3)	68W/26W/2.4W
Volume Types	Single, JBOD, RAID 0/1/5/6/10, RAID 1/5/6/10 + Spare Drive
Part Number	VT-10BA4M2

Automatic Sync

Operating System

- ADM 5.0 Onwards
- Supports Online Firmware Updates

Supported OS

- Windows 7, 8, 10, 11, Server 2003, Server 2008 R2, 2012, 2016, 2019, 2022
- macOS 10.13 Onwards
- UNIX, Linux, and 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
- Supports Windows Active Directory / LDAP

File Explorer

- Web-based File Management
- ISO File Mounting •Share Links quick upload
- Task Monitor
- 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 0/1/5/6/10
- 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

Network

- TCP/IP (IPv4 & IPv6)
- 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:
- 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
- SMB Backup
- USB One Touch Backup
- Cloud Backup
- EZ Sync
- FTP Backup
- External Backup

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

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

Snapshot Center

- Btrfs Snapshots
- 256 snapshots
- iSCSI LUNs

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

- 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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