

# VGI MediaFort Pro Server: The NAS Solution Supported by Seagate & Open-E

## Powered by Open-E JovianDSS

### For Professional Video Production

Managing vast, ever-growing data has become a critical and complex issue for professional video production. The sheer volume of data generated, combined with the need for high-performance workflows, demands a **robust and reliable storage solution**. The VGI's MediaFort Pro, a multifunctional nearline integration server, is specifically designed to meet these challenges by **providing a secure, high-capacity, and efficient data storage platform** for the most demanding production environments.

This innovative solution features a powerful combination of a **high-performance server enclosure, massive +1PB data storage capacity, and advanced software-defined storage technology**. By integrating top-tier hardware with the robust Open-E JovianDSS, MediaFort Pro by VGI **empowers professional video production** teams to manage their data with confidence, ensuring integrity, speed, and security. It transforms a potentially overwhelming data management problem into a **streamlined and reliable operation**.

### The Solution: MediaFort Pro Powered by Open-E JovianDSS

The MediaFort Pro by VGI is a comprehensive, all-in-one data storage solution built to handle the unique demands of professional video production. It utilizes the **scalable and cost-effective Seagate Exos AP series** as its server enclosure. The system comes **pre-loaded with Open-E JovianDSS**, a Linux and ZFS-based software-defined storage solution, which provides a reliable and feature-rich foundation. This powerful synergy allows VGI to offer **one-stop support for both the hardware and software components of the system**. The server modules are redundant, ensuring robust and continuous operation.



Maximize your business's data storage performance and reliability with the **VGI MediaFort Pro**. Contact us today to learn more and enhance your data storage capabilities!  
**Explore the solution now!**

# System Configuration Details (for 1PB System)

Model	Exos AP 2U12	Exos AP 2U24	Exos AP 5U84
Controller	Two AP-BV-1 controllers (redundant)		
CPU	AMD SP3 7292P EPYC CPU (12 or 16 cores)		
Memory	4x 64GB DDR-4DIMMs, 3200MHz		
SSD Cache	Read/Write RAID support (SAS SSD 1.6TB-15.36TB)		
Boot drive	Redundant Boot Dual M.2 NVMe SSD 256GB		
Expansion	12G SAS Architecture		
I/O Interface	Data Line: 2x NVidia CX5 100Gb QSFP Communication LAN: 2x NVidia CX4 25/10GbE SFP28 Ports Support: 2x RJ45 1GbE Ports		
Number of Drives	12 units	24 units	84 units
HDD (1 drive)	2~24TB		
	12Gb/s SAS drives		



**MediaFort Pro**  
The NAS Powered by Seagate and Open-E



## Key Business Advantages

The MediaFort Pro by VGI delivers significant value by transforming a complex and demanding data management process into a secure, efficient, and reliable operation:

- **Optimized Data Storage Capacity:** The solution offers massive storage pools exceeding a petabyte, effectively managing the increasing data volume associated with professional video production.
- **Robust Data Integrity:** Leveraging Open-E's robust 128-bit ZFS file system and snapshot capabilities, the solution ensures data integrity and provides retention plans for protecting the latest critical project files.
- **Accelerated Production Workflows:** With a high-speed 100GbE network interface, MediaFort Pro facilitates high-load production work, minimizing bottlenecks and maximizing productivity.
- **Enhanced Data Security:** The system includes ransomware countermeasures, providing an added layer of protection for sensitive and valuable production assets.
- **Simplified Support:** VGI provides comprehensive one-stop support for both the hardware and the Open-E JovianDSS software, simplifying maintenance and freeing up valuable IT resources.
- **Unmatched Scalability:** The Open-E JovianDSS software provides unlimited scalability and unlimited snapshots and clones, allowing the system to grow with your business needs.

## The Power of Cooperation: VGI, Open-E, and Seagate

The MediaFort Pro system is a **testament to the strong collaboration between VGI, Open-E, and Seagate**. VGI leverages its expertise in professional video production to design a purpose-built solution, utilizing the robust Seagate Exos AP series hardware.

This is combined with Open-E's core competency in developing highly reliable, feature-rich, and secure software-defined storage solutions. By bringing these technologies together, the **MediaFort Pro offers the most efficient and reliable way to manage and protect data**, ensuring business continuity and data integrity for all your professional video projects.