

NFS/iSCSI SAN Storage ZFS Based

- > **128-bit ZFS file system** - The most scalable and flexible 128-bit file system.
- > **Unlimited file size** - Most legacy solutions limit the file sizes, in ZFS the limit is so high that there is no limit.
- > **Unlimited scalability** - Easy and intuitive storage extensions enable unlimited storage capacity.
- > **Unlimited Compatibility** - The Linux architecture allows Open-E JovianDSS much better compatibility than competing products based on other operating systems.
- > **Warranted data integrity** - Self-healing check-sums, atomic writes and transactional copy-on-write I/O operations eliminate silent data corruption and 'write-holes'.



OpenStor Jovian



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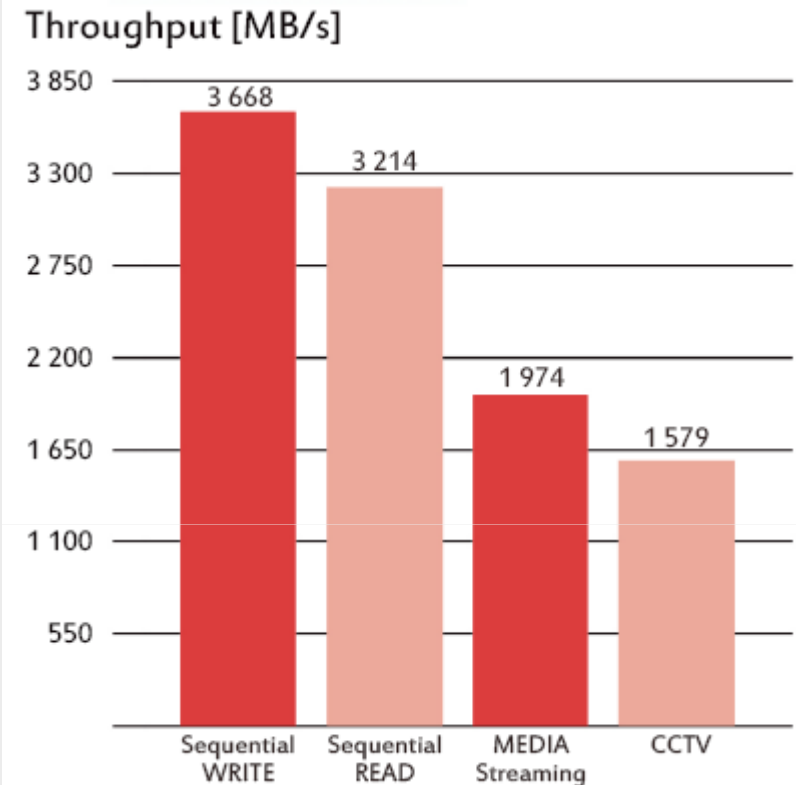
- **Native compression & data deduplication** - Compression and inline data-deduplication drastically reduce physical disc usage.
- **Disk redundancy** - Mirrors and RAID arrays with up to 3 parity disks ensure data safety and uptime.
- **Tiered cache** - RAM and SSD cache tier hot data between each other to increase performance.
- **Hybrid storage pools** - Utilize the I/O performance of SSDs and high capacity of HDDs in a single system.
- **Unlimited snapshots & clones** - In most legacy solutions, the limit for snapshots is set to 255. Open-E JovianDSS allows unlimited snapshots that can be remotely activated via CLI and enables easy roll-back and backup.
- **Storage & service reports** - Generate automatic and periodic reports to manage the performance of the system and integrate it into SNMP based management solutions.
- **Thin provisioning** - Virtually simulates a bigger volume than there is physically available, and allows to grow it on the fly without the need to re-format the file-system.



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Technical Specification

- Dual Intel Xeon E5-2600v3 based
- 256GB RAM DDR4 2133Mhz exp. Up to 1.5TB
- 21x 12Gb/s SAS Drive (37.8TB RAW capacity using HGST 1.8TB Drive) – Scalable to petabyte
- Read Cache: 400GB SSD SAS 12Gb/s HGST High Endurance
- Write Log: 2x200GB Mirrored SSD 12Gb/s HGST High Endurance
- Network Interface: 4 x10GbE – 2 x 40GbE
- 920W Redundant PSU
- IPMI Management Remote Console



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Form Factor

4U 36 HDD 3.5"

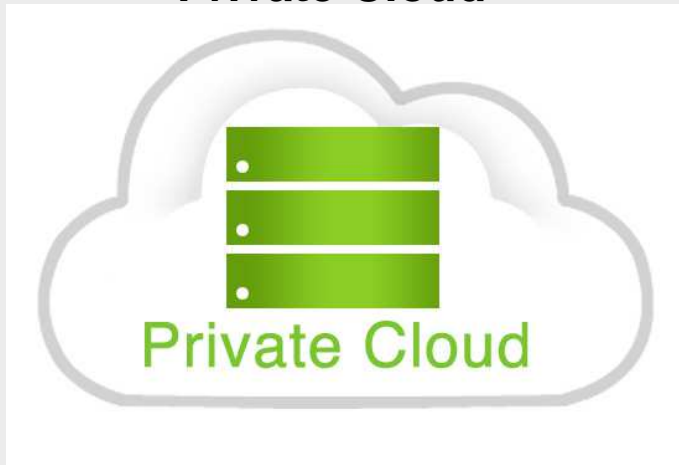
4U 72 HDD 2.5"

2U 24 HDD 2.5"

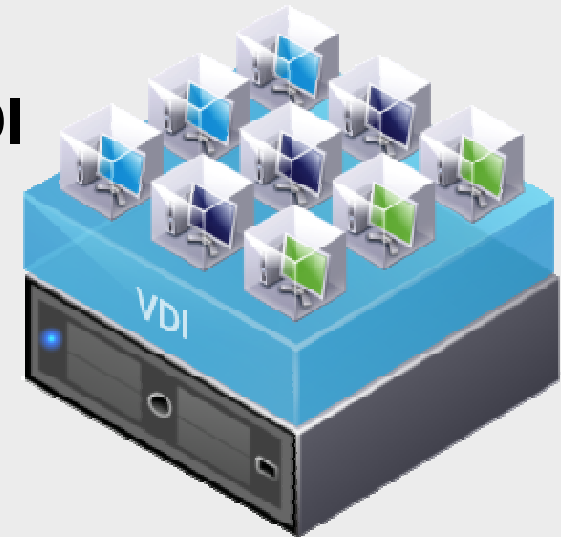


Suitable Application

Private Cloud



VDI



Cloud Infrastructure



Enterprise Datacenter

