

SPECIFICATIONS	DESCRIPTION
BASE OS	Linux
FILE SYSTEM	ZFS
ARCHITECTURE	64-bit
ALPINE SERIES™ JDSS HARDWARE	Mass Mountain SAN Nodes come in different sized enclosures that accommodate various media types. HDDs, 2.5 and 3.5 inch. All types of SSDs including NVMe. Rack-Mount high density enclosures for multiple Petabyte configurations.
CONNECTIONS AND STORAGE PROTOCOLS	1Gbps, 10Gbps, 40Gbps, 100Gbps Ethernet 40Gbps IP over InfiniBand iSCSI NFS v3 FC (Fibre Channel) SMB up to 3.1.1 / CIFS IPv4, IPv6 coming soon
DATA INTEGRITY AND AVAILABILITY	ZFS 256-bit block level checksums Mirror (eq. RAID 10), RAID-Z1, -Z2, (eq. RAID 5, 6), -Z3 On- and Off-site Data Protection Active-Active or Active-Passive dual node HA Cluster for iSCSI, FC and NFS, SMB (CIFS) Self-healing against silent data corruption Disk Multipathing
DATA OPTIMIZATION	RAM, SSD and HDD hybrid pool Tiered Caching Unlimited Snapshots Unlimited Clones (writable Snapshots) Thin Provisioning Over Provisioning Inline Data Deduplication Inline Compression
MANAGEMENT	WebGUI, Console UI, CLI SNMP and REST API E-mail notification Roll-back to previous configuration
EXAMPLES OF SUPPORTED HA CONFIGURATIONS	Cluster in a Box (CiB) Common Storage Cluster over SAS Cluster over SAS with internal SAS expander Cluster with multiple JBODs over SAS or FC (Stretched) Metro Cluster over Ethernet and more...
SUPPORTED ENVIRONMENTS	VMware, Microsoft Windows, Microsoft Hyper-V, Microsoft Active Directory, Citrix, Linux, RHEL, MacOS, XEN, OpenStack
LICENSING AND FEATURE PACKS	Licensed per storage capacity. Additional storage license depending on capacity Mass Mountain JDSS Standard HA Cluster Feature Pack Mass Mountain JDSS Advanced Metro HA Cluster Feature Pack

Mass Mountain is an established integrator of IP-based storage systems. A featured product of Mass Mountain is JDSS, a robust, award winning storage system which offers excellent compatibility with industry standards, and is the easiest to use and manage. Additionally, it is of the most stable solutions on the market and undisputed price performance leader. JDSS accounts for over 30,000 installations world wide.



651.487.7900



info@massmountain.com



Headquarters | Grand Rapids, MI  
Technology Division | St. Paul, MN



www.massmountain.com