

Introducing EraStor® 4000 Series

The EraStor 4000 series are designed and optimized for high-available, mission critical and high performance storage needs for SMB markets.

By using high-available hardware setups and cluster software we are able to provide up to 100% uptime guarantee. On top of this we are able to accelerate the standard raidset performance by the use of D-RAM based high-available write cache devices and high amount of level 1 & 2 read cache.

Today we offer an All-in-one design offering 99,999% uptime and a zero point of failure design.

General specifications

- > High performance 15K, 10K or 7.200rpm SAS-2 drives
- > D-RAM based 8GB SAS-2 cache device used as ZIL (BBU protected) and High performance SAS-2 read cache device of 400GB (up to 2TB)
- > 128-bit ZFS-filesystem allows high-capacity clustered volumes shares
- > Integrated High availability cluster management for Fibre Channel/iSCSI and CIFS/NFS and AFP protocols
- > User Friendly web based GUI for management
- > Integrated incremental replication services (internal & external) Vmware consistent
- > Integrated snapshot services (supporting VSS)
- > Windows networking (CIFS/SMB) and LDAP integration
- > Data compression & in-line deduplication
- > Pro-active monitoring with e-mail alerting services
- > Software assurance pack for future upgrades & support available up to 5 years

EraStor® All-in-one 4212

The EraStor® AIO-4212 is a cluster-in-a box solution offering up to 60TB of accelerated data capacity in a single 2U rack mount server. It has a unique 99,999% High availability design which ensures optimal uptime.

Start small - expand as you go - take no compromises

Our systems are designed for growth, either you need IOPS or massive storage capacity, this solution can start at 4TB but can up to 512TB, mix NL-SAS-2 and 15K SAS-2 drives, accelerate with SSD or use native SSD volumes.

It's the perfect fit for medium sized companies who are looking to invest in their own private clustered virtualization platform to be installed in their offices or collocated in a shared datacenter rack.

Specifications

- > Standard 128Gb Level 1 cache DDRIII ECC REG 1600Mhz low voltage (option kit up to 512GB available)
- > Embedded dual Intel® E5 storage processor
- > Onboard dual 10Gb Ethernet Base-T for cluster management / Host connectivity
- > Integrated 10Gb connection between nodes for replication services
- > Optional dual 10Gb SFP+ / or Fibre Channel connectivity
- > Integrated IPMI & KVM for hardware monitoring and troubleshooting.
- > 19" Rackmount 2U chassis with dual high efficiency power supply 1100W (95% efficiency)



Front



Back

EraStor® HA-4200 Series

The EraStor HA-4200 Cluster is a dual head node high availability storage cluster with one or more EraStor® JBODs delivering a 100% uptime design.

Performance in it's DNA

The HA-4200 series are standard installed with a redundant acceleration bundle for both read and write and offer a wide range of drives to choose from. Starting point of performance we offer is 15K write / 35K read IOPS on 32K Random I/O.

Service at a glance

Standard 3 years advanced warranty can be extended to 5 years offering built-in remote support within 4hrs and 24hr swap services for all components

Additionally we offer up to 5 years 24x7 same day on-site support all over Europe is available.

No compromise

All our systems are designed for growth, either you need IOPS or massive storage capacity, this solution can start at 8TB up to 512TB, mix NL-SAS-2 and 15K SAS-2 drives, accelerate with SSD or use native SSD volumes.

All can be installed in the same box, and managed from the GUI. All protocols are supported from today and for tomorrow, as an unified storage unit you can use 10Gb Ethernet or 16Gb Fibre channel to us either file level storage (NFS,CIFS,SMB,AFP) or block storage (Fibre Channel or iSCSI)



EraStor HA-4200 Headnodes

Specifications per headnode

- > Standard 128Gb Level 1 cache DDRIII ECC REG 1600Mhz low voltage (option kit up to 512GB available)
- > Embedded dual Intel® E5 storage processor low voltage 50W
- > Onboard dual 1Gb Ethernet for cluster management and replication services
- > 4 x SAS-2 expansion port to connect EraStor JBOD series
- > Dual 10Gb SFP+/10Gb Base-T or dual 8Gb Fibre channel ports for host connectivity
- > Integrated IPMI & KVM for hardware monitoring and troubleshooting.
- > Pro-active monitoring of hardware / software (call home function)
- > 19" Rackmount 2U chassis with dual high efficiency power supply 740W (95% efficiency)
- > Dimensions (WxHxD): 437mm x 89mm x 648mm
- > Weight: 23,6 kg (empty) - 28,2kg (loaded)

Example Configuration

