

November 2020 - eRacks Systems Offers 1080 Terabyte (one Petabyte) Data Capacity with eRacks/NAS60 Data Storage Servers

Santa Clara, California –November 2020 – [eRacks Open Source Systems](#) announced today the availability of its new **eRacks/NAS60** high-capacity data storage servers with up to 1080 Terabytes of raw storage space. The California-based firm is a major manufacturer and provider of Open Source based **rackmount** high-capacity and **Petascale** data storage servers for **NETWORK ATTACHED STORAGE (NAS)** as well as cloud-based applications.



The new [eRacks/NAS60](#) is a 4U rackmount unit that comes with **60 top-loading drawer-style** drive bays. eRacks Systems is offering these units with combinations of 6, 8, 10,18 and 20 Terabyte capacity hard drives, allowing for a total raw data storage space of up to 1080 Terabytes. **20TB SMR drives** (for Near-line or Archival storage) are also available by quote, bringing total raw storage to **1.2 Petabytes**.

eRacks/NAS60 **(Front View)**



Customers of eRacks Systems can order [eRacks/NAS60](#) to be configured with up to sixty 18TB Ultrastar DC HC550 drives bringing the capacity of the unit to 1080 Terabytes. Also, combinations of lower capacity hard drives are possible for lower space requirements and applications. The chassis, eRacks/4U-60RHD, is **26.5** inches deep and holds **60 3.5**-inch drives bays. The unit is controlled by two Intel Xeon E5-2609 v3 processors and two **32GB DDR4** for a total of **64GB** of RAM. Configurations up to **3TB of RAM** or more are available by custom quote.

[eRacks/NAS60](#) is offered partially populated with lower capacity hard drives in its starter configuration, which offers more affordable pricing options to eRacks Systems customers, and a more accessible entry level.

“The 10-Terabyte drives are the 'Sweet spot' yielding 600 Terabytes of raw storage - The 18Terabyte hard drives may be considerably more expensive than lower capacity drives. They may not be the 'sweet spot' of cost per Terabyte, but for those users who need every available Terabyte these drives are certainly an option. Dream big! And we will provide you with storage for your dreams!”

-Joseph Wolff, Founder and CTO, eRacks Systems

For those who simply cannot compromise on storage, **the NAS60**, configured with **18TB HDDs**, feature the first-ever commercial availability of energy-assisted magnetic recording (EAMR) technology on a nine-platter platform, enabling customers to more efficiently provision and scale their data center environments with unmatched total cost of ownership.

With zettabyte-scale data growth, the need for higher-capacity data storage across a broad spectrum of applications and workloads can be reliably met only with high Capacity Enterprise HDDs.



eRacks Systems has always been committed to providing high-capacity, cloud-ready storage servers based on Open Source operating systems. eRacks customers receive their purchased units **completely pre-loaded and pre-installed** with their choices of **open source operating system and software**, ready to go.

eRacks Systems' signature service is tailored specifically to save customers time and money by delivering turnkey products wherever possible. Choices of cloud / storage software such as **Ceph, OpenStack, Cloud Stack, Eucalyptus, OpenNebula, ProxMox** are available, as well as NAS software and operating systems including **FreeNAS, Rockstor, NAS4Free, OpenMediaVault**, and more.

As other products offered by the company, eRacks/NAS60 will come with a standard one-year warranty and three years of limited warranty.

Extended warranties are also available.

eRacks Systems years of experience in open source software configuration is an added value to its top-quality professional computing hardware products and offers.

"Leap into Petascale-class storage today! Because your big ambitions need bigger storage! Contact us today to Hold on to Your Dreams and the storage for them!"

-Joseph Wolff, Founder and CTO, eRacks Systems

eRacks Systems offices are in Santa Clara and Los Gatos, California, and Dhaka, Bangladesh.

Customers can contact eRacks Systems by phone number **(408) 455-0010**

or email at **info@eracks.com**.

Company's website <https://eracks.com> is available for further information about all Open Source solutions provided by the eRacks Open Source Systems.

Media Contact:

eRacks Open Source Systems

Phone: (408) 455-0010

Fax: (631) 392-9842

<https://eRacks.com>

email: info@eracks.com

