

Microsoft's Storage Spaces Reaches Maximum Density

RAID Inc. Certified JBOD for Windows Server 2016 Qualifies HGST Ultrastar 10TB Drive

ANDOVER, MA, Oct 31, 2016 — RAID Inc., a high performance computing solutions company, today announces it has achieved Microsoft certification status of the Ability EBOD Series of Enterprise JBOD storage enclosures for Windows® Server 2016, Storage Spaces. RAID Inc. has taken this designation a step further and qualified the complete line of HGST Ultrastar® He10 12Gb/s helium drives—including the high density 10TB model based upon third-generation HelioSeal® technology.



With its holistic approach and true technical expertise, RAID Inc. welcomes the industry's largest drive with qualification for the industry leading ultra-dense Ability EBOD 4U 84-Bay 12Gb/s SAS Enterprise JBOD. The massive 840TB capacity Enterprise-Class JBOD is a vital cog in the RAID Inc. range of Microsoft certified server, storage and networking solutions optimized for enterprise, cloud, and data center, as strategically aligned with Microsoft's software-defined data center (SDDC) strategy.

"Working closely with Microsoft, the team at RAID has accomplished notable successes deploying petabytes of Scale-Out File Server architectures featuring Storage Spaces," says Trenton R. Baker, vice president marketing, RAID Inc. "By earning this Windows Server 2016 certification RAID Inc becomes the leader in storage at scale deployments for Storage Spaces. The Ability 84-bay Enterprise JBOD can meet practical budgetary restrictions and achieve a massive capacity architecture when teamed with the HGST Ultrastar He10 hard drives."

This modular scale-out data center storage architecture delivers the density required by data-intensive applications such as Big Data analytics, computational simulation, government intelligence, and medical research. The Ability 84-bay EBOD also includes the capability to accommodate HGST Ultrastar solid-state drives (SSDs) as a hot tier shared across 12Gb/s SAS active nodes to leverage smart storage tiering for both structured and unstructured data in a high availability design. RAID has designed the Ability EBOD series to be zoned with up to four different DAS hosts or four different zones for performance or security as needed. This storage enclosure comes standard with dual I/O modules for resiliency each with 4 host ports at a total of [8] 12Gb/s SAS ports for extreme performance and high availability applications, capable of handling over 32GB/s.



Scale-Up Architecture Resiliency: The Ability end-to-end 12Gb/s SAS Enterprise-Class JBOD provides a scalability resource to various existing file system nodes along with green-field deployments of Windows Server 2012 R2 and Windows Server 2016. For added data integrity and resiliency the Ability 84-bay is the only EBOD of its ilk to achieve a certification for enclosure awareness on the Microsoft Storage Spaces platform. The enclosure awareness feature allows for resilient levels thus combating the risk of multiple drive or enclosure failures.

Scale-Out File Servers Flexibility: RAID Inc. has a vested interest in performance and flexibility of file server functionality within a Storage Spaces design. By securing and protecting data at the source with the Ability EBOD, RAID can focus on delivering technical computing performance-tuned file servers to match each unique engineered deployment.

Software-Defined Data Center Inspired: Microsoft's virtual data center advancements in Software-Defined Storage (SDS) and Networking (SDN) have grown into the Storage Spaces platform which enables RAID Inc. to design a cloud-inspired infrastructure. Building upon scale-out services and performance virtualization concepts such as tiering, pooling, and automation to all data center resources allows RAID Inc. to deploy reliable and efficient high density software-defined data center solutions.

[Tweet This:](#) Microsoft Storage Spaces Max Density w/JBOD Cert for Windows Server 2016 & Qual of @HGSTstorage Ultrastar 10TB.

About RAID Incorporated

RAID Inc. was founded in 1994 to deliver end-to-end performance-driven technical computing and storage solutions. The company has earned industry praise for providing platform agnostic technical guidance in high performance computing (HPC), big data, cloud and software-defined data centers—in the most efficient, reliable and cost effective manner. The world's leading research facilities, government, life science, financial, healthcare, energy, and cloud service providers can leverage the RAID Inc. team of engineers' extensive academic, research lab and commercial expertise that make RAID Inc. a trusted industry leader. More information found at www.RAIDinc.com, call +1 (800)330-7335 or comment via @RAIDinc.