NEXSAN

NEXSAN E-SERIES P PROVIDES SUPERIOR CAPACITY & SPEED FOR POST PRODUCTION WORKFLOW STORAGE WITH BRIGHT TECHNOLOGIES
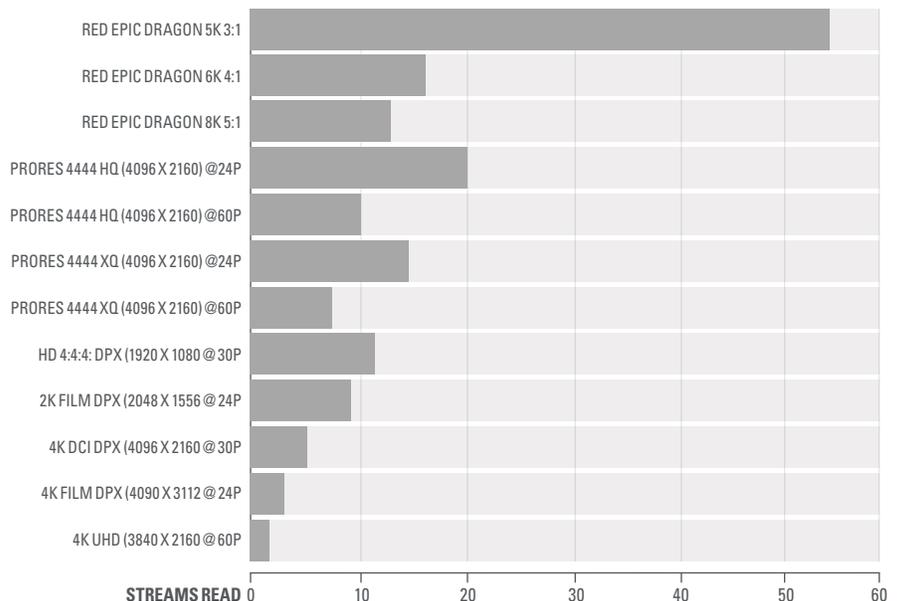
SUMMARY

Nexsan has been delivering digital storage solutions for media and entertainment since 1999. Nexsan recently announced the purpose-built E-Series P built on a proven enterprise platform with more than double the performance of previous models to deliver high performance digital storage for media professionals. This enhanced performance as well as dense, scalable capacity make the E-Series P a perfect fit for high resolution video.

INFRASTRUCTURE CHALLENGE

Media professionals today are constantly looking for storage that can support their ever-growing needs with higher resolution video. As video formats have evolved, the amount of data those video files create has exploded — and the amount of data to be stored has grown exponentially. Accordingly, organizations need more capacity and scalability than they've ever needed before. In addition, they need blazing-fast performance so that they can work with their biggest video files as well as stream several different files at the same time. Low latencies are necessary to ensure operations run efficiently. These needs have become more significant with the industry move to 4K and even 8K video streams.

NEXSAN E-SERIES 60P STREAM CHART

Tested in real-world post production and broadcast environments.

ABOUT BRIGHT TECHNOLOGIES

Bright Technologies specializes in high-speed, low latency, SAN and NAS appliances specifically designed for demanding digital workflows in post-production and broadcast. Solutions include high-performance dedicated severs to SAN and NAS "all-in-one" solutions designed with the lowest latency and smallest footprint. Software include Bright DataMover, Bright DataOptimizer and BrightClip recording technology for optimal file sequencing of media files, delivering the highest levels of predictability and reliability. All Bright appliances include our unique diagnostic software suite for quick issue isolation maximizing up-time. For more information, visit www.4bright.com.

ABOUT NEXSAN

Nexsan® is a global enterprise storage leader since 1999 delivering the most reliable, cost-effective and highly efficient storage solutions. Nexsan's solution portfolio empowers enterprises to securely store, protect and manage valuable business data with a broad product line of unified storage, block storage, and secure archiving. www.nexsan.com.

BRIGHT TECHNOLOGIES AND HIGH-RESOLUTION WORKFLOWS

As a manufacturer of high-availability, low-latency server appliances and provider of resolution independent workflow solutions, Bright Technologies constantly searches for the best in high-performance storage solutions. The ability for storage to deliver and sustain Bright's ability to offer its customers the company's own state-of-theart solutions.

Bright's solutions eliminate unplanned downtime due to file system degradation and reduce maintenance efforts to a minimum. They also are designed to improve collaboration, system reliability and efficiency - in every SAN and NAS environment.

THE PERFORMANCE TESTING

Bright Technologies thoroughly tested the E-Series P in real-world environments to ensure that the E-Series P's next generation controllers performed well even in suboptimal conditions. The E-Series E60P was tested with its default RAID-6 configuration (using the setup wizard without any tweaking) and fully populated with 2TB 7200 rpm SAS drives.

NEXSAN E-SERIES P MEETS THE CHALLENGE

During Bright's testing, the E60P immediately delivered nine solid 2K uncompressed (or 3 x 4K uncompressed) streams, providing an impressive performance. The E60P proved to be a very reliable, fast and dense system that delivered high performance during the entire testing phase. Also, based on their testing, Bright is confident that the Nexsan systems will be able to accommodate latencies caused by aging file systems or FibreChannel fabrics and sustain its superior performance throughout its lifespan.

RESULTS AND BENEFITS

In addition to the remarkable performance displayed during the testing phase, Bright Technologies and its clients have realized added value from Nexsan E-Series systems through other capabilities. These include:

- Increased host interfaces for up to 12 servers without a switch.
- The Nexsan E60P has proven to use significantly less power than many other units, which has lowered operating expenses considerably.
- Drive tray design allows for excellent access to system drives while simultaneously minimizing resonance - a common cause of drive failure.
- The system has proven to be incredibly reliable, with users experiencing no downtime over long periods of time.