

//BREATHLESS

ALL FLASH SSD NAS



TARGET WORKFLOWS:

- High-end VFX
- Collaborative Post Production
- Content Distribution Networks (CDN)
- High-speed Computing and AI Analysis

KEY FEATURES:

- All-SSD Solution
- 2U Form Factor
- Up to 24 SSDs per Chassis
- 1/10/25/40/100/200 GbE Networking

THE NO-COMPROMISE PERFORMANCE TIER

The //BREATHLESS was built for the most demanding workflows: high-resolution image sequences. Animation and visual effects teams work with each frame of video as a separate file because this allows them to render individual frames without having to re-render the entire clip. This can save teams significant time. Only the //BREATHLESS is able to provide the performance needed to achieve real-time playback of 24 or more high-resolution files per second with the ability to scale capacity. Without the proper hardware, bottlenecks cause delays that derail project timelines and budgets, requiring numerous revisions and lowering the overall quality of the production. Productions need affordable SSD storage that can handle the bandwidth and IOPS artists need to achieve uninterrupted creative flow and the //BREATHLESS is here to provide that.

The //BREATHLESS can be used as a controller with HDD expansion chassis, creating a multi-tier system that accounts for edge cases where extreme performance is demanded. The next-generation filesystem that creative.space uses compensates for the limitations of hard disk drives (HDDs) by caching files in computer memory. Huge teams and diverse workloads can push the limits of this caching system, forcing data to be read directly from disk. Image sequences are the most likely to cause this, since the individual frame files are large and can quickly fill up all available memory. The only options are to scale out memory or to use SSDs, which allow for real-time parallel access.



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