

Hyper-performance Shared Storage Workflow System

Tiger Box 1 SSD

The **Tiger Box1 SSD Shared Storage Workflow System** delivers the extreme disk performance needed for working with uncompressed, multi-stream 8K, 4K, stereoscopic, and UHD material. Tiger Box1 SSD fits right in to your existing setup, so you can easily get the high-performance you need, on a scale that's right for your business. With integrated project management and advanced automatic features, a compact footprint and compact price, Tiger Serve1 SSD has everything you need for a complete hyper-speed shared storage workflow.



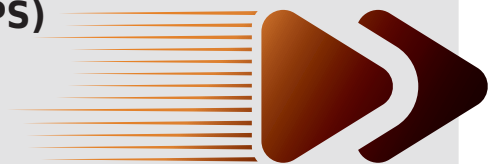
High speed front-end for your NAS setup

With Tiger Box1 SSD, you get the simplicity of NAS, the multi-user support of a true SAN, and the blazing speed of Solid State disks.

Easily take on ultra-high resolution projects without having to completely overhaul your existing infrastructure. Create a dynamic, performance-defined workflow that uses your low-cost nearline storage for provisioning, and Tiger Box1 SSD for realtime online production. Tiger **Replication & Tiering** automatically manages the transfer of material from NAS to SAN, and ensures you have the right data at the right place at the right time. Material is transferred in the background so you are always ready to start the next job.

3 GB/second total performance

- ◆ 16 streams uncompressed, 8 bit full HD (24 FPS)
- ◆ 3 streams uncompressed, 12 bit 4K (24 FPS)
- ◆ 12 streams F65RAW-SQ 8K (24/25 FPS)
- ◆ 106500 IOPS (4KB sequential read)



Intelligent, Complete, Automatic

Tiger Box1 SSD, **projectStore PRO** and **Replication & Tiering** offer you a complete Shared Storage Workflow system that accelerates rich media production. Increase uptime and productivity with self-maintenance and true multi-user capabilities not available with NAS. This premium engineered system includes storage, networking, sharing, project management, and life-cycle management capabilities.

Fits Right In

With just a few clicks, create a powerful shared storage Network, and easily manage workspaces, projects and users, and share media and metadata with your whole team. Use all your creative apps on Mac, Windows, and Linux OS, and connect over Fibre and Ethernet too. Tiger Box1 SSD is priced right for operations just your size. You get low total cost of ownership and high ROI, and peace of mind with included 24/7 technical support.

Complete Simple High Performance

See www.tiger-technology.com/tigerbox1 for complete details.



Designed for your workflow

The compact rack-mountable system combines a Metadata Master and highly optimized RAID (0, 5, 6) storage, comprised of 8 enterprise-class Solid State drives which can be accessed by multiple client computers via Fibre Channel, 1Gb or 10Gb Ethernet.

Complete Solution

- Integrated Appliance
- Tiger Workflow System capable with optional projectStore PRO and Replication & Tiering
- Automatic File Sequence Optimisation
- File Security – Active Directory Support
- Centralized, Floating Licensing
- Hardware Monitoring and Reporting
- Performance Defined Workflow
- Dynamic Space Recovery

Low TCO / High ROI

- Direct connections, switch not required
- Single vendor
- 24/7 support included first year
- Advanced automatic features
- Self-management
- Technical staff not required

Easy expansion

- Up to 2 expansion chassis
- Smart Pooling (non-destructive capacity increase)

Tiger Box1 SSD - Performance and Specifications	
System Performance	
Linear peak performance	3140MB/sec (3.1 Gb/sec) total
Large I/O shared performance	Total: 3140 MB sec Examples (all streams @ 24 FPS) 293 x streams of ProRes HD 16 x streams of HD uncompressed 10 x streams of 2K uncompressed 3 x streams of 4K 12 bits 12 x streams of 8K F65RAW-SQ
Small I/O shared performance	Total: 1010 MB/sec Example (all streams @ 24 FPS) 1035 x streams of PAL DV 634 x streams of DVCPro50
Per client performance	
16Gb Fibre Channel	Up to 1570 MB/sec
10Gb Ethernet	Up to 1000 MB/sec
1Gb Ethernet	Up to 110 MB/sec
Description	Specification
Form	1 x 1RU, 19" rack-mount chassis
Drives	8 x 2.5" disks each installed in a hot-swappable drive carrier 2 x 2.5" RAID 1 (mirror)
Net weight (without drives installed)	approx. 13kg/29lbs
Power Consumption Max	450 Watts
Power Consumption Idle	n/a
Power Supply Unit	450W, Hot-swap, 1+1 Redundant
Temperature Range	Operating: 10°C ~ 35°C (50°F~94.9°F) Non-operating: -40°C ~ 70°C (-40°F~158°F) Non-condensing
Humidity Range	20% ~ 60% non-condensing

All features and specifications subject to change without notice. Some features may require additional licensing.



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