



EzPetaSAN™ / EzPetaSAN™ Lite

High Performance storage for multiple users to simultaneously edit large video formats directly from system.

1 Beyond
EzPetaSAN™



Large Storage for 4k-8K+ Video

EzPetaSAN Lite scales from a budget friendly 64TB up to a 1PB of storage. Standard EzPetaSAN starts at 240TB and offers over an impressive 20PB.

Multiple Users Can Edit Directly

1, 10, 40 Gbps connections enables easy direct access to files with high datarates. No additional software cost per user. Can be used with PCs and Macs.

High Performance Storage

RAM cache boost performance giving arrays as small as 16 disks high data rates. Performs significantly better than traditional RAID 5 or 6 arrays.

Easy and Instant Scalability

Additional EzPetaBlk storage blocks can be added to the system to increase performance and capacity without any down time.

Redundant and Reliable

Block-level checksums detect and correct data corruption. Provides disk and JBOD redundancy and SAS multi-pathing. Swappable fans and redundant power supplies.

Workflow Optimization

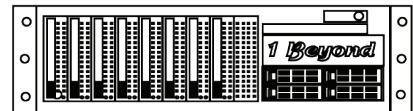
Customizable configuration and RAID level based on an organization's requirements. Optimize for video post production tasks or storage.

Components

For EzPetaSAN and EzPetaSAN Lite

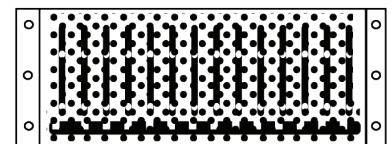
1 Beyond HyperSpace OS™

The management tools, file system and RAID options to optimize performance and data protection



1 Beyond EZPetaHub™

Central control system which hosts the OS and file system



1 Beyond EZPetaBlk™ storage blocks

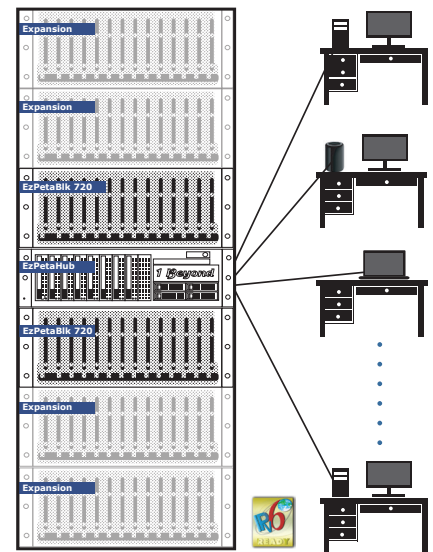
Available with 16, 60 or 90 disks to grow the storage as needed. Blocks as small as 64TB and as large as 900TB.

EzPetaSAN™ Technical Specifications

	EzPetaSAN	EzPetaSAN Lite
Operating System	1 Beyond HyperSpace OS (on mirrored SSDs)	
Processor	Dual Intel Xeon E5 v4 Family	Single Intel Xeon E5 v4 Family
Base RAM	1TB	512GB
Base Connectivity	2 x 10GbE Connections	2 x 1GbE Connections
Additional Connections	3 Slots	
Max Connections	18	12
Connection Options	Hex 1 GbE Card, Quad 10 GbE card, Quad 40 GbE Card	
1GbE User Speed	100-110 MB/Sec	
10GbE User Speed	800-900 MB/Sec	
40GbE User Speed	1500-1600 MB/Sec	
USB Ports	4 (2 x 2.0, 2x 3.0)	
Management Port	1 x RJ54 IPMI	
Console Display	1 x VGA Port	
Built-in Hard Drives	-	16
Max Capacity	21.6PB (24 EzPetaBlk Units)	1.12PB (6 EzPetaBlk Units)
Dimensions	5.2" x 17.2" x 25.5" (132mm x 437mm x 647mm)	
Operating Temperature	5°C~+35°C (41°F~+95°F)	
Storage Temperature	-40°C~+70°C (-40°F~+158°F)	
Humidity	Operating: 8%-90%, Non-Operating: 5-95% (non-condensing)	
Power (Dual Redundant)	920W with input 100-240VAC	800W with input 100-127VAC 1000W with 200-240VAC
Cooling	Hot swappable fans	
Certifications	Ipv6, USGv6	

EzPetaBlk™ Options

	EzPetaBlk 16	EzPetaBlk 60	EzPetaBlk 90
Disks	16	60	90
Drive Options	4, 6, 8 or 10TB		
Max Capacity	160TB	600TB	900TB
For Use With	EzPetaSAN Lite	EzPetaSAN	
Power (Dual Redundant)	800W w/ input 100-127VAC 1000W w/ input 200-240VAC	1000W w/ input 100-127VAC 1600W w/ input 200-240VAC	800W w/ input 100-127VAC 1000W w/ input 200-240VAC
Dimensions (H x W x D)	5.2" x 17.2" x 25.5" (132mm x 437mm x 647mm)	7" x 17.2" x 30.2" (178mm x 437mm x 767mm)	7" x 17.6" x 35.66" (178mm x 447mm x 906mm)
Gross Weight	80 lbs	155 lbs	225 lbs



Visit our website at www.1Beyond.com or contact us at sales@1beyond.com or (617) 591-2200.

