

All the features and performance of true Storage-over-IP (SoIP)

Unlimited scalability.
Unlimited performance.
Native virtualization.



- **Scales fluidly** across multiple enclosures.
- **Aggregates for performance** of 10+ GB/sec across multiple enclosures.
- **Highly affordable** because Z-box eliminates costly custom switches, aggregators and controllers.
- **Z-FS file system** delivers NAS-like file and volume sharing on block-level device.
- **RAID-options** for performance and protection from data loss with RAID 0, 1, 0+1, 10².
- **Easy to use** and easy to manage with local and remote management software suite.
- **Native virtualization** employing IP as the storage fabric.
- **Z-SAN™** technology by Zetera.

The Future of Networked Storage – Today.

The ground breaking Hammer Z-box HZD4B offers unprecedented performance and scalability to small businesses and corporate workgroups. Hammer Z-box combines high-performance block I/O never seen before on a desktop device with the file and volume sharing of NAS to deliver the solution of choice in desktop shared storage. Advanced RAID protection and seamless capacity expansion round out a hard-to-ignore solution.

Scalable. Hammer Z-box takes a different approach to scalability, enabling users to add both capacity and performance simply by connecting additional devices to any available switch port. A single Z-box delivers capacity and performance of up to 3 Terabytes (TB) and up to 80 MB/sec, respectively. Additional Z-box can be added for capacities up to 6 Terabytes¹ per volume and performance sufficient for even the most demanding office environments.

Versatile. Hammer Z-box HZD4B is an all-in-one network storage solution that is easy to install and even easier to manage. A single Z-box can be configured to simultaneously offer file and volume sharing for desktop PCs, advanced block-level data protection for application servers like Microsoft® Exchange and SQL Server, and provide secure private shared volumes for small workgroups. Robust hardware RAID functionality (0, 1, 0+1, 10)² protects business-critical data in the event of drive failure, even when individual RAID-protected volumes span across multiple enclosures in different locations.

SoIP. Hammer Z-series solutions are enabled by Zetera's widely-acclaimed Z-SAN™ technology, the only technology available to deliver on the vision of Storage-over-IP (SoIP). SoIP uses Internet Protocol (IP) itself as the storage fabric, eliminating the need for costly controllers, dedicated switches and RAID controllers that also serve as performance bottlenecks. Only Z-SAN technology can deliver the unprecedented capacity and performance scalability delivered by the Hammer Z-series family.

Compatible with any IP network, Hammer Z-box HZD4B is the most versatile network storage solution available from any vendor, and is backed by an industry-standard one-year warranty.

Z-box™ HZD4B Desktop

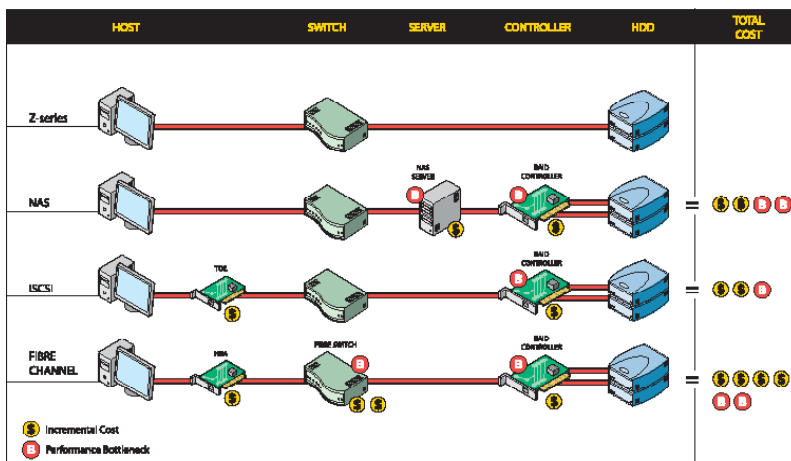
Models and Accessories



- Z-box Desktop 1.0 TB (HZD4B-1000)
- Z-box Desktop 1.6 TB (HZD4B-1600)
- Z-box Desktop 2.0 TB (HZD4B-2000)
- Z-box Desktop 3.0 TB (HZD4B-3000)

Hammer Z-box Competitive Advantages

- Unlimited capacity scalability available with software upgrade.
- Better performance than any solution in its class.
- Expand RAID constructs across multiple physical enclosures.
- Eliminates the need for dedicated switches, HBAs, TOEs and RAID controllers.
- Requires no specialized IT training or certifications.
- Requires no investment in infrastructure or additional hardware.
- SolIP enabled by Zetera Z-SAN technology.



Technical Specifications

DESCRIPTION	
Model Name	Hammer Z-box Desktop
Form Factor	Desktop
CAPACITY AND INTERFACE	
Enclosure Capacity	Up to 3 TB
System Capacity	Scales fluidly across enclosures. ¹
Network Interface	1 x Gigabit Ethernet
Hard Disk Interface	4 x Serial ATA
RAID Constructs	0, 1, 0+1, 10 ²
COMPATIBILITY	
Operating Systems	Windows 2000 SP4, Windows XP, Windows 2003 Redhat Linux 4 ³
File Systems	NTFS, Z-FS multi-initiator file system from DataPlow
PERFORMANCE	
Single Enclosure Performance	Up to 80 MB/sec
Aggregated Enclosure Performance	Limited only by the maximum bandwidth of aggregating switches.

PHYSICAL DIMENSIONS	
H x W x L (in)	7.6 x 6.4 x 12.8
H x W x L (mm)	190 x 162 x 325
Weight (lbs / kg)	19.9 / 9.04
POWER REQUIREMENTS	
Requirements	110-240V 50/60Hz
Consumption	150W max
ENVIRONMENTAL	
Operating Temperature	5 to 35 deg C
Operating Humidity	20% to 80% (non-condensing)
Operating Shock	3.5G, 3ms
Non-Operating Shock	30G, 1ms
Operating Vibration	0.25G at 2Hz to 200Hz for 15 mins
Non-Operating Vibration	1.14G at 2Hz to 200Hz for 15 mins
Safety and Agency	FCC Class A / CE / UL / CB
NETWORK REQUIREMENTS	
Switch	Gigabit ethernet



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¹ 6 TB is the maximum addressable volume size using three Z-boxes. Individual operating systems have their own volume size limitations.

² Available Q4 2006.

³ Available Q4 2006.

World-class technical support

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