wiwynn®

WiRack21 Storage
Wiwynn ST7000G2/SV7000G2 Series

Innovative storage solutions with high capacity, flexibiltiy and scalability.

High Density Storage for Big Data

Evolving from previous Wiwynn storage/Storage server, the newest storage platform ST7000G2 Series is built with the concept of providing more storage capacity and density. With an impressive storage capacity of 72 3.5" hard drives (12Gb SAS/6Gb SATA) in a 4U chassis, Wiwynn ST7000G2 stands out from other storage systems as having the highest storage density in the industry.

Diversified Configuration for Various Usages

ST7000G2 is a disaggregated storage that provides powerful storage capability with easy scalability compared with other storage platforms. Alternatively, ST7000G2 can be converted to a storage server (SV7000G2) by integrating with Intel® Xeon® Broadwell-DE processors. For certain workloads, such as web and storage, a single-socket architecture is more efficient and has higher performance per watt.

Tool-less Design for Easy Maintenance

ST7000G2 Series is quick and simple to service thanks to a tool-less design. All drives in the system are contained with latches. One of the most unique aspects of the design is the tool-less drive retention system that doesn't require any carriers. For removal, the latch assists the user by pulling the drive partially out of the system for easier handling.

Redundant Cooling for High Availability

Wiwynn ST7000G2 Series supports high availability with hot-pluggable fans and redundant cooling system.

www.wiwynn.com

Wiwynn is a fast-growing cloud infrastructure provider that develops high-density computing and storage products, plus rack solutions for leading data centers.

Storage and I/O	SV7000G2	SV7000G2-L	ST7000G2
Expander	SAS12G expander		
Storage	72 3.5" hot-plug drive bay		
Micro Server	2	1	
Processor	Intel® Xeon® Broadwell-DE	Intel® Xeon® Broadwell-DE	
Memory	DDR4 x 8 (4 per server), up to 2400MT/s	DDR4 x 4, up to 2400MT/s	
Boot Drive	2 x M.2 (1 per server)	1 x M.2	
IO Module (IOM)	2	1	
OCP Mezzanine	2 (1 per server)	1	
Expansion Ports	N/A	Two EXT mini-SAS 12G HD ports (SASx4)	Two EXT mini-SAS 12G HD ports (SASx4)
Remote Management	IPMI v2.0 Compliant, iKVM, Wiwynn Cluster Manager		SES, SMP
Power Supply and Physical Specifications			
Power Supply	Centralized 12.5 V DC bus bar		
Form Factor and Dimensions	4 OU Rack; 4U; 185 (H) x 537 (W) x 879 (D)		
OS			
Support List	CentOS 7.2		

Model : Wiwynn ST7000G2/SV7000G2 Series

wiwynn

8F, 90, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City, 22102,Taiwan, R.O.C.
Telephone: 886-2-6615-8888   Email: sales@wiwynn.com