



# WiRack21 Storage

## Wiwynn SV7000G4 Series

Innovative Storage Solutions  
with High Capacity, Flexibility  
and Scalability.

### Diversified Configuration Provides High Density Storage

Wiwynn SV7000G4 series is the highest density and the most flexible storage system providing various configuration options that include storage servers and storage JBODs designed modularly in a 4OU chassis. Integrated with two micro servers, the SV7000G4 supports 72 x 3.5" hard disk drives where the micro servers each control 36 x 3.5" drives. The one micro server configuration, SV7000G4-L, manages all 72 x 3.5" hard drives. Moreover, adding the JBOD configuration, SV7000G4 scales out storage capability and density even further.

### Power Efficiency and High Bandwidth

Wiwynn SV7000G4 series utilize 3rd Gen Intel Xeon Scalable processors (Codename Cooper Lake) that respectively supports Platinum SKU with low power consumption and high core count of 88 Wattage and 26 cores. Regarding storage technology, SV7000G4 series uses SAS-4 24Gbps IOCs and expanders, upgraded from the previous generation (SAS-3 12Gbps). The doubled bandwidth offers higher performance and is perfect for warm storage, cold storage and big data applications.



### Tool-less Design for Easy Maintenance

Wiwynn SV7000G4 series is quick and simple to service by virtue of its tool-less design. All drives in the system are equipped with new latches. For example, releasing and pulling the latch allows users to effortlessly withdraw the drive out of the system. The sophisticated cable track design allows the HDDs to be hot-pluggable and keeps uninterrupted operation.

### High Availability for Non-Stop Services

For system availability, the SV7000G4 series is designed with redundant cooling and high availability. It supports 2 isolated cooling zones. Every zone supports 2 fan modules with 1+1 redundancy and hot-pluggable features. With the high availability, the system allows data centers to provide non-stop services for their users.

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



Model : Wiwynn SV7000G4 Series

Storage and I/O		SV7000G4	SV7000G4-L	ST7000G4
Expander	2 x SAS24G expander			
Storage	72 3.5" hot-plug drive bay			
Micro Server	2	1		
Processor	3rd Gen Intel® Xeon® Scalable Processors (Codename: Cooper Lake), TDP 88W			
Memory	DDR4 x 8 (4 per Server), up to 3200MT/s	DDR4 x 4, up to 3200MT/s		
Boot Drive	2 x M.2 (1 per Server)	1 x M.2		
Cache SSD	E1.S 9.5mm x 4	N/A		
IO Controller (IOC)	2 x SAS24G	2 x SAS24G		
OCP 3.0	2	1		
Expansion Ports	N/A			Two mini-SAS HD ports
Remote Management	SSH CLI utilities			SES, SMP
Power Supply and Physical Specifications				
Power Supply	Centralized 12.5 V DC bus bar			
Form Factor and Dimensions	4 OU;                    189.5 (H) x 537(W) x 879 (D) mm (without Front Handlers) 			



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