



# WiRack21 Server

## Wiwynn SV7221G2 Series

Power efficient server,  
optimized for  
computing-intensive  
applications

### State-of-the-art Microarchitecture for Efficient Performance

The 14nm architecture of Intel® Xeon® E5-2600 V4 offers high power efficiency and CPU performance. Furthermore, with core count up to 22 cores and 44 multi-threads per socket, this new architecture improved applications and system operations significantly.

### Designed for Optimized Energy Utilization with Computing Power

Each 2OU (Open Rack) space can mount three Wiwynn SV7221G2 computing servers. This high-density design minimizes infrastructure power and cost by removing unnecessary components.

### Hot-plug Server and Front-access I/O for Easy Installation and Maintenance

Through simple, innovative and improved cable management and efficient thermal design, this hot-plug server allows easy replacement and maintenance.



Three Wiwynn SV7221G2 servers in a 2OU (Open Rack) space

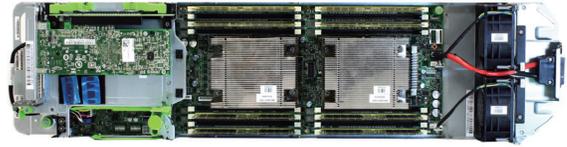
### Best Flexibility for Computing-intensive Application with Enhanced I/O Performance

Wiwynn SV7221G2 server has three models, including one enhanced I/O configuration - P model with six 2.5" SSDs, and V model with two 2.5" 15mm HDDs/SSDs. Your most flexible choice for computing-intensive applications that demand a lot of high IOPS.

### High Memory and I/O Expandability

Wiwynn SV7221G2 Series server comes with 16 DIMM slots that support up to 512GB DDR4, making sure that each system is working at the highest performance.

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



v2.0

Model : Wiwynn SV7221G2 Series

SV7221G2-S

SV7221G2-V

SV7221G2-P



Processor, Memory, and Chipset

Processor	Intel® Xeon® E5-2600 V4 Series
Memory	Up to 512GB; 8GB/16GB/32GB DDR4 up to 2400MT/s; 16 DIMM slots
Chipsets	Intel® C610 series
System Bus	Intel Quick Path Interconnect (QPI) links; 6.4 GT/s; 8.0 GT/s; 9.6 GT/s
Processor Sockets	2

Storage and I/O

RAID Functions		RAID 0/1/10/5 on PCH		
Storage	3.5" Hot-plug Bays	1	None	None
	2.5" Hot-plug Bays	0	2	6
	HDD Support	SAS/SATA	15mm SAS/SATA/SSD	9.5mm SAS/SATA SSD
	M.2 Slot	1		
Expansion	PCI-E x16 Slots	1	0	1
	PCI-E x8 Slots	1	3	1 (Dedicated to RAID card)
	Mezzanine Slots	1 · Single/Dual 10GbE DA/SFP+ ports (option) · Single/Dual 25GbE SFP28 ports (option) · Single/Dual 40GbE QSFP ports (option)		
VGA	ASPEED AST2400 iBMC chip			
Remote Management	IPMI V2.0 compliant; Serial-over-LAN Remote Management Controller (option) ; Cluster Manager (option)			
LAN	One 1GbE LAN port (option)			

Power Supply, Physical and Packaging Specifications

Power Supply	Externally through centralized 12V DC bus bar		
Power Consumption	108W (Idle) ~ 313W (Max)	120W (Idle) ~ 325W (Max)	120W (Idle) ~ 325W (Max)
Weight	6.9 kg ~ 7.3 kg	8 kg ~ 9.5 kg	8 kg ~ 9.5 kg
Dimensions	89 (H) * 174 (W) * 880 (D) (mm)		
Rack Mount Kits	Optional tray for three SV7221G2 servers		

OS

Support List	VMware ESXi 5.5 Windows® Server 2012 R2 CentOS 6.3 (64 bits)
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