

A close-up photograph of a server rack. The rack is black with green vertical accents. Several server units are visible, each with the "wiwynn" logo on its front panel. The units are stacked vertically.

WiRack21 Server

Wiwynn SV7220G2 Series

Power efficient server,
optimized for
computing-intensive
applications

State-of-the-art microarchitecture for efficient performance

Wiwynn SV7220G2 server features dual Intel® Xeon® Processor E5-2600 V3 Series with DDR4 support for improved performance and energy efficiency. Featuring technologies targeted for accelerating security for boot and run-time.

Designed for optimized energy utilization with computing power

Each 2OU (Open Rack) space can mount three Wiwynn SV7220G2 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 SV7220G2 servers in a 2OU (Open Rack) space

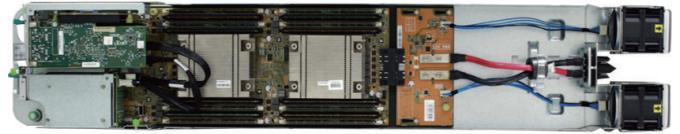
Best flexibility for computing-intensive application with enhanced I/O performance

Wiwynn SV7220G2 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 SV7220G2 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.



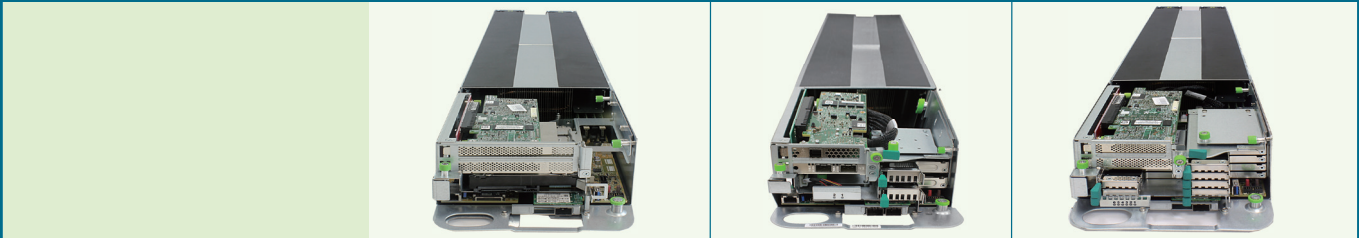
v2.0

Model : Wiwynn SV7220G2 Series

SV7220G2-S

SV7220G2-V

SV7220G2-P



Processor, Memory, and Chipset

Processor	Intel® Xeon® E5-2600 V3
Memory	Up to 512GB; 8GB/16GB/32GB DDR4 up to 2133MT/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
	mSATA or M.2 Slots	1		
Expansion	PCI-E x16 Slots	1	1	1 (Dedicated to RAID Card)
	PCI-E x8 Slots	1	1	1
	Mezzanine Slots	1	<ul style="list-style-type: none"> • Single/Dual 10GbE DA/SFP+ ports (option) • Single 40GbE QSFP port (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 on Intel® I210-AT			

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 SV7220G2 servers		

OS

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