

# 4U8Bay dual-socket GPU high-performance server

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## 一、产品简介

SYS-8049R-G4 series products are based on Xeon® Scalable series processors of Intel platform and modular design, providing customers with a 4U dual-socket 4GPU server with high performance, high reliability, low power consumption and optimal heat dissipation. Whether it's an enterprise-level data center or a developing enterprise application, the product can provide a variety of flexible configuration options, which can better meet the growing server demand of customers, provide reliable hardware support for data storage, big data processing, virtualization and other applications, and is the best choice for large-scale industries, enterprises and government users with high requirements for stability and practicality.

## 二、产品特性

### **The system is stable and reliable**

Stable and innovative bottom design, combined with precise airflow guidance and fan adjustment mechanism, create a stable and reliable model.

### **Overall system performance improvement**

Supports Intel platform Xeon® Scalable series processors, with 50% more cores and cache than the previous generation, greatly improving processor performance.

In terms of memory, the latest DDR4 memory technology is adopted, which can support a maximum total capacity of 2T. Higher density and larger capacity provide better performance for enterprise virtualization and business processing.

Supports AEP technology, large-capacity capacitors can supply power to DRAM in the event of a power failure or crash, and transfer data to NAND, and put it back on DRAM after recovery, which is very useful for servers such as online trading systems and cloud computing. significant value;

Support hardware monitoring, can remotely monitor the working status of the host power supply, voltage, temperature, fans and other hardware;

### **Better support for tiered storage**

Supports up to 8 3.5-inch front-mounted hot-swap hard disks, providing a variety of storage solutions for enterprise applications, such as large-capacity hard disk pools, tiered storage, distributed storage, etc.

The DOM electronic hard disk supporting 2 SATA interfaces provides high-performance, high-stability, and low-cost storage solutions for enterprise applications.

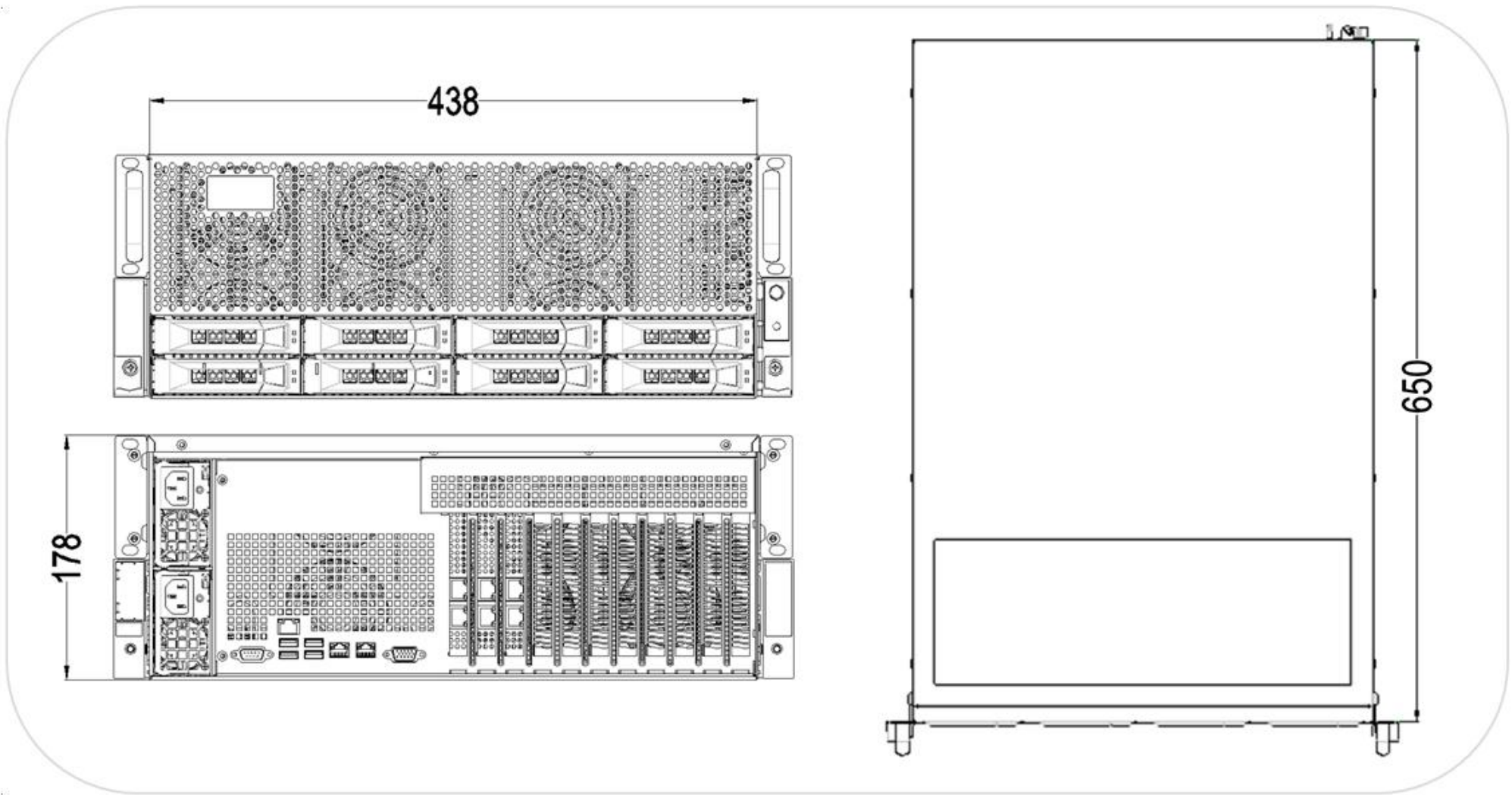
### **High I/O and network throughput**

The product supports 2 10 Gigabit Ethernet ports to provide a variety of network transmission and communication solutions for enterprise applications.

## 三、产品外观 (2U8Bay)



#### 四、产品外形尺寸



## 五、技术规格参数

Category	Model	<b>SYS-8049R-G4</b>
	Product form	4U rack server
Processor	Number of processors	2
	Processor model	dual Intel Xeon Scalable-SP and 2nd Gen Intel Xeon Scalable-SP processors
	Chip set	Intel®C621
Memory	Type	16 x DIMM slots, Up to 2TB 3DS ECC RDIMM, DDR4-2666MHz; Up to 2TB 3DS ECC LRDIMM,
Front Storage	Number of hard disks	16
	controller	PCH integrated(LSI-9361-8I)
	Raid	Raid 0, 1, 5, 10(Raid 0, 1, 5, 6, 10, 50, 60)
	Hard disk size	2.5/3.5 inch
	interface type	SATA(SATA/SAS)
DOM	quantity	2
	controller	PCH integrated
Internal storage	quantity	2
	interface type	M.2 Interface: PCI-E 3.0 x4/ Form Factor: 2260, 2280, 22110

Gigabit network	controller	Intel Enterprise Gigabit Network Controller
	Number of interfaces	2 x 10 Gigabit networks, support 10/100/1000/10000Mbps
	Interface form	2 single-layer RJ45 ports
IPMI	Management interface	1 standard RJ45, 10/100/1000Mbps network interface
USB	USB 2.0	2 x USB 2.0 (Rear IO)
	USB 3.0	2 x USB 3.0 (Rear IO)
Display	controller	ASPEED AST2500 BMC
	Interface form	VGA
I/O	COM	1 x standard DB9, 1x Built-in pins
	PCIe expansion	1 standard PCIe 3.0 x8 slot, 2 standard PCIe 3.0 x16 slot
		3 standard PCIe 3.0 x16 slot
	UID LED	1 x UID LED
	Switch	1 power switch
1 reset switch		
LED	1 power status indicator	
	1 hard drive indicator	

		2 network indicators
Power	Input	1600W redundant power supply
Structure	FAN	3 hot-swappable 12038 temperature-controlled fans
	Weight	≤25kg (Hard drive not included)
	Size of case	438mm (W) 178mm (H) 650mm (D)
	Installation kit	Support slide rail
Environment	Parameter	Operating temperature: 0° C to 35° C; ; Operating temperature:-40 c to 70 c Working relative humidity: 8% to 90% (without condensation); Non-working relative humidity: 5% to 95% (without condensation)