

# 4U24Bay high performance storage server

SYS-6049C

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## 一、 Product introduction

With the continuous increase of data storage capacity, the high cost of storage equipment has become an important IT expenditure for users, and network storage products are favored by more and more users for their advantages of high performance, high reliability, large capacity, low cost and easy operation.

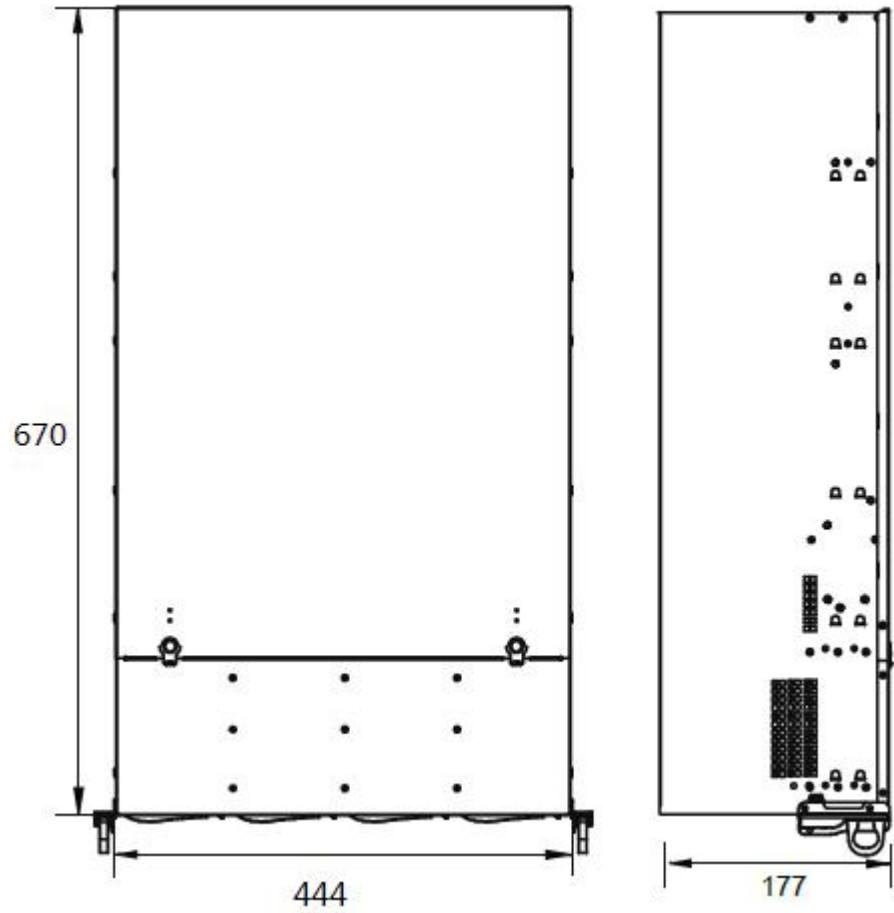
SYS-6049C series is an enterprise-class high-performance rack storage server product with 4U 24-bay optimization. A single machine supports 24 3.5" SAS/Sataiii hot-plug hard disks. This product combines the advantages of the current mainstream storage technology, and its redundant components are

designed modularly to meet the demand of mainstream customers for data storage. It is a network storage product with strong performance, large capacity, easy maintenance and high reliability. It is a good choice for unified storage and centralized management of user data, NAS/IPSAN, NVR products of video surveillance, VOD and nonlinear editing system of radio and television, large-capacity video cloud storage and other applications.

## 二、 Product appearance (optional)



### 三、 outline dimension



## 四、 Product characteristics

● Intel® coffee lake C246 chipset is adopted, which supports Intel Gen8/9 series multi-core processors. The performance is improved by 20% compared with that before, and the power consumption is lower.

- Provide 4 x DIMM memory slot, support DDR4 UDIMM, and support up to 64 GB;
- 1 x PCIe 3.0 x16(X8 signal) and 2 x PCIe 3.0 x8 expansion slot are provided, and disk expansion can be realized through SAS card;
- The memory backplane adopts 12Gb SAS Expander chip, which supports 24 3.5'6Gb SAS/SATAIII hot-plug hard disks.
- Intel® Gigabit port 4-Port, which supports multi-port load balancing;
- IPMI2.0; is supported;
- Support USB3.0, which can backup data to mobile storage at high speed;
- Redundant fans and redundant power supplies to eliminate a single point of failure;
- 1 m.2 system disk, which supports SATA3 /PCIE signals;
- Time-sharing power-on mode is adopted for the disk pack, which effectively reduces the power load and the surge impact on the power grid;
- Green, support gold and platinum power supply, reduce TCO expenditure;
- Support hardware monitoring, which can remotely monitor the working state of hardware such as host power supply and fan.
- Support Windows and Linux systems, provide system management API resources, and realize customization on demand.

## 五、 Technical specification parameters

<b>Order model</b>		<b>SYS-6049C-S24</b>
Product form		4U rack server
Number of processors		one
Processor model		Intel®Xeon® E2100 / E2200 Core/i5/i3/Pentium series processors
chip set		Intel®C246 chipset
internal storage	Memory slots	4 memory slots (2 channels /CPU, 2-DIMM slots /CPU)
	internal storage capacity	The maximum support is 128 UDIMM.
	Memory type	2933/2666/2400/2133MHz ECC/Non-ECC DDR4 UDIMM
	memory size	4G, 8G, 16G, 32G
Front storage	Number of hard disks	24 hot-plug storage slots
	controller	LSI-9361-8I
	Raid	Raid 0, 1, 5, 6, 50, 60
	interface type	SATA3 / SAS
	Hard disk size	2.5" / 3.5"
Post-storage (optional)	Number of hard disks	2
	controller	PCH integration
	interface type	SATA3

	Hard disk size	2.5
M.2 interface	quantity	one
	interface type	PCI-E 3.0 x2
	measure	2280, 2260, 2240
Gigabit network	controller	Intel i210 Enterprise Gigabit Network Controller
	Number of interfaces	4 Gigabit networks, supporting 10/100/1000Mbps
	Interface form	Two double-layer RJ45 interfaces
IPMI management interface		1 standard RJ45, 10/100/1000Mbps network interface
show	controller	ASPEED AST2400 BMC
	Interface form	VGA
	controller	Intel jixian
	Interface form	HDMI
PCIe expansion		1 standard PCIe 3.0 x8(x16 slot) 1 standard PCIe 3.0 x8(x8 slot) 1 standard PCIe 3.0 x4(x8 slot)
Backplane I/O interface		Xusb3.0 interface 1 x HDMI interface 1 x VGA interface 1 reset switch 1 com interface 1 uid switch (with LED lamp) X rj-45 gbe LAN interface/

	1 rj-45 IPMI management interface
Switch /LED	<p>X power switch (with power indicator)</p> <p>1 x Reset</p> <p>1 restart switch</p> <p>1 hard drive indicator</p> <p>1 abnormal fan indicator/abnormal /CPU temperature indicator</p> <p>1 x network (1-4) indicator</p> <p>1 x management port indicator</p>
Operating system support	<p>Windows® Server 2016</p> <p>Windows® Server 2012 R2</p> <p>Windows® 10 64-bit</p> <p>RedHat® Enterprise Linux</p> <p>SuSE® Linux Enterprise Server</p> <p>CentOS</p> <p>Ubuntu</p> <p>VMware</p> <p>Citrix XenServer</p>
Power Supply	1+1 redundant power supply 550W/800W
fan	3 hot-swappable 8038 temperature-controlled fans
Size of case	444mm (width) 177mm (height) 670mm (depth)
environmental parameter	<p>Operating temperature: 0° C to 35° C; ; Operating temperature:-40 c to 70 c</p> <p>Working relative humidity: 8% to 90% (without condensation); Non-working relative humidity: 5% to 95% (without condensation)</p>
Installation kit	Support slide rail