

IntelHigh Density GPU Server System



- 2U10/4U4 high-density GPU
- Dual Purley with GPU ultrahigh integrated computing power
- Suitable for AI, cloud computing, HPC, big data analysis, 3D graphics applications, video decoding and deep learning



Total Improvement

Supports up to 2 Intel® Xeon® Scalable CPUs, max. power consumption 205W. 12 DIMMs, supporting DDR4 RECC 768GB, DDR4 IRECC 1.5TB.



Ultrahigh Integrated Computing Power

2 Intel® Xeon® Scalable processors with 2U10/4U4 GPU card, graphics processing capability, GPU as the main processor and CPU the co-processor give overwhelmed computing power.



Excellent Storage & Scalability

Support up to 12* 3.5"/2.5" SATA/SAS+2 rear 2.5" SATA/SAS/NVME (4U)hot-swap hard disks, providing massive data storage capacity, up to 10 PCIe expansion slots to meet requirements.



Excellent Network & Management

Onboard Ethernet controller provides reliable & fast network connection. Provides remote management function of iKVM (KVM over Ethernet). With an independent Gigabit management network port, the remote management module can be carried out through the keyboard, display and mouse. It can be monitored and operated in real time including switching on/off remotely for maintenance of the system.

PRODUCT DISPLAY



Specification

Model	SY2110G-D12R	SY4104G-D12R
Front HDD	Supports 12* 3.5/2.5 SATA/SAS HDD	Supports 12* 3.5/2.5 SATA/SAS HDD
Rear HDD	N/A	Rear configuration can support 2.5 SATA/SAS/NVME HDD
Dimension	695*433*87.6mm (D * W * H)	695*433*176.5mm(D * W * H)
Processor	Supports 1 or 2 Intel® Xeon® Scalable, 81/2XX ,61/2XX,51/2XX,41/2XX,31/2XX processor, TDP up to 205W	
Chipset	Intel®C621 series dedicated processor chipset	
Memory	Supports DDR4 ECC RDIMM/LRDIMM, memory frequency supports 2133/2400/2666 MHz Up to 12* DDR4 DIMM, maximum memory capacity supports DDR4 RECC 768GB, DDR4 IRECC 1.5TB	
Storage Controllers	External HBA: 12 Gbps SAS HBA Inner storage: 2* PCIe 3.0 X2 M.2 ports, 3* 7Pin SATA3.0 slots (Can support SATA DOM), 3* 8643 Minisas ports	
Driver	12 hot-swap 3.5/2.5-inch SAS/SATA (HDD/SSD)	
Power Supply	Platinum 1200W, 1300W, 1600W,2000W and 2300W hot-swap Redundant power supply, optional 240V and 336V high-voltage DC and - 48V high-voltage DC power supply	
External port & PCIe	Front port: 1 VGA, 2 USB3.0 Rear port: 1 VGA, 2 USB3.0, 1 management net port, 2 RJ45 net port, 1 Slimline SAS X8 PCIe expansion slot: up to 10 Onboard: 1* 8X Slimline port, 2 PCIe x2, 2 M.2(2280)	
GPU Expansibility	It can support up to 10 full length, half height and single width GPU cards, such as NVIDIA Tesla P4/ T4	It can support up to 4 full height, full length and double width GPU cards, such as NVIDIA RTX2080Ti
System Fan	Four 8056 N+1 Redundant hot-swap fans, optional 8038	Eight 8038 N+1 Redundant hot-swap fans, optional 8056
Network	Onboard two 1GbE	
Security	TPM/TCM (Optional); Chassis open-alarm module; Lock the upper cover plate of the chassis	
Management	Onboard iBMC management module, IPMI, SOL, KVM Over IP, virtual media, etc.	
OS	Microsoft Windows Server、Red Hat Enterprise Linux,SUSE Linux Enterprise Server、CentOS、Ubuntu	
Virtualization	Citrix Xen Server,Vmware ESXi,Linux KVM,Windows Hyper-V	
Temperature	Working temperature: 10°C - 35°C (without direct light); Extended working temperature: 5°C - 40°C (restrictive configuration meets); Transportation and storage temperature:- 40°C - 70°C	
Humidity	Working humidity: 30% - 80% (non condensing); Storage humidity: 5% - 95% (non condensing)	