R926 2U All-Round Balanced Server

2U Dual-Socket Rack Server Powered by Intel® Xeon® 6 Series Processors Widely deployed in cloud computing, cloud storage, virtualization, office systems and other scenarios. Delivers balanced performance with industry-leading cost-effectiveness at the solution level.

Extreme Performance with Scalability

Specifications

Model	R926
Processor	Supports 2*Intel® Xeon® 6 Series Processors, TDP up to 385W
Memory	Up to 32*DDR5 memory slots, compatible with RDIMM/MRDIMM, up to 8000MHz.
Storage Controller	Supports JBOD pass-through, RAID 0, 1, 10, 5, 50, 6, 60 and multiple other storage modes. When equipped with RAID controller, supports supercapacitor cache protection, RAID level migration, disk roaming, self-diagnosis, Web-based remote configuration, and secure boot for RAID cards
Local Storage	Up to 12*3.5-inch or 16*2.5-inch hot-swappable drives, compatible with up to 16 NVMe SSDs. Supports up to 12* E1.s/E3.s SSDs. Internal bay: up to 5*M.2 drives + 1* onboard eMMC chip
Network Interfaces	2*OCP 3.0 slots
PCIe Expansion	Up to 6*PCIe 5.0 expansion slots and 2*OCP slots. GPU expansion options: Up to 2*dual-width FHFL GPUs, or 4*single-width FHFL GPUs, or 6*single-width HHHL GPUs
Additional Interface	Rear chassis: 1*Type-C,1*RJ45 IPMI,2*USB3.0,1*VGA;Front chassis (optional): 2*USB 3.0 + VGA + 1*Type-C ;Internal chassis: 1*built-in USB 3.0 port
Power Supply	Optional 1300W/2000W/2700W CRPS high-efficiency Platinum hot-swappable PSUs, supports 1+1 redundancy
Fan Modules	6*hot-swappable fan modules with N+2 redundancy support

Management	Integrated BMC chip with 1Gbps RJ45 management port. Compliant with Redfish, SNMP, IPMI 2.0 industry standards. Features HTML5-based iKVM remote management interface, comprehensive fault diagnosis, automated O&M and full remote control functions. Supports dual-flash BMC backup.
OS Support	Microsoft Windows Server, RedHat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VMware ESXi, Kylin, Redflag, openEuler, etc.
Operating Temperature	5 ℃ ~ 45 ℃ (Contact our sales team for detailed specifications)
Chassis Dimensions	770mm (L) × 446mm (W, without mounting ears) × 87mm (H) 770mm (L) × 482mm (W, with mounting ears) × 87mm (H)
Package Dimensions	1000mm (L) × 600mm (W) × 260mm (H)
Weight	Max. 45KG (varies by actual hardware configuration)

Product Features

General Computing Capacity, Fully Upgraded

Supports 2 Intel® Xeon® 6 Series Processors, single CPU up to 144 cores for fully upgraded computing performance;

Equipped with up to 32 DDR5 memory slots, max frequency 8000MHz, memory bandwidth improved by 43%;

Features 2 OCP network adapters and flexible PCIe add-in card expansion, configurable network resources on demand, fully compliant with PCIe 5.0 protocol;

Supports up to 2 dual-width GPUs with redesigned hardware topology for flexible I/O resource allocation;

Four-Speed Regulation, High Efficiency & Low Carbon Emission

Redesigned cooling architecture with 15% larger air intake area, 10% improved heat dissipation performance;

3-state four-speed fan regulation mechanism, optimizes power consumption under different ambient temperatures and service loads for green energy conservation;

Patented insert-style air baffle design, 20% higher airflow utilization efficiency;

Custom high-performance fans with 20% increased air volume, 10% lower power consumption and noise level;

Intelligent Management, Efficient Operation & Maintenance

Built-in AI super intelligent management toolkit, integrated with massive accumulated O&M scenarios and complex operations split into atomicized control modules. Empowered UI supports over 70 control operations to reduce operation difficulty and boost O&M efficiency drastically;

Power-on inspection and continuous real-time monitoring with customizable modes, one dedicated model per device to reliably safeguard equipment operation stability;

Seamless firmware upgrade capability, breaking traditional software update limitations.

Self-renewable toolkit delivers high customization and ultra-high flexibility;