

| Ultimate Efficiency, Green Computing |

TaiShan servers are powered by 64-bit ARMv8 Hi1616 processors, each with 32 cores of 2.4 GHz frequency. They support diverse interfaces such as PCIe 3.0, 10GE, and SAS/SATA, and integrate high performance with low power consumption.

Featuring models tailored for computing, storage, or balanced needs, TaiShan is perfect for demanding workloads such as big data analytics, database acceleration, high-performance computing, cloud services, and native mobile applications. TaiShan servers empower data centers with the ultimate efficiency.

TaiShan 2280



TaiShan 5280



Technical Specifications

Form Factor	2U rack server
Processors	2 Hi1616 processors
Memory	16 DDR4-2400 DIMM slots
Internal Storage	12 disk model: Front: 12 x 3.5-inch SAS/SATA drives or SSDs Rear: 4 x 3.5-inch SAS/SATA drives or SSDs
	25 disk model: Front: 25 x 2.5-inch SAS/SATA drives or SSDs Rear: 2 x 2.5-inch SAS/SATA drives or SSDs
RAID	RAID 0, 1, 5, 6, 10, 50, or 60 Supercapacitor for power failure protection
LOM Network Ports	2 x GE electrical ports + 2 x 10GE optical ports
PCIe Expansion	Up to 5 x PCIe 3.0 x8 slots
Management	Supports standard management interfaces, such as SNMP and IPMI. Provides management features such as virtual KVM, virtual media, SOL, remote control, and hardware monitoring. Provides independent management network ports and NC-SI management.
Power Supply Units	Two 460 W or 750 W enhanced hot-swappable AC PSUs, supporting 1+1 redundancy
Power Supply	100 V to 240 V AC; 240 V DC
Fan Modules	4 hot-swappable fan modules in N+1 redundancy
Operating Systems	Ubuntu, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS
Operating Temperature	5°C to 40°C (41°F to 104°F)
Certification	CE, UL, FCC, CCC, VCCI, RCM and RoHS
Dimensions (H x W x D)	86.1 mm x 447 mm x 748 mm (3.39 in. x 17.60 in. x 29.45 in.)

Technical Specifications

Form Factor	4U rack server
Processors	2 Hi1616 processors
Memory	16 DDR4-2400 DIMM slots
Internal Storage	Front: 24 x 2.5-/3.5-inch SAS/SATA drives or SSDs Rear: 16 x 2.5-/3.5-inch SAS/SATA drives or SSDs
RAID	RAID 0, 1, 5, 6, 10, 50, or 60 Supercapacitor for power failure protection
LOM Network Ports	2 x GE electrical ports + 2 x 10GE optical ports
PCIe Expansion	Up to 5 x PCIe 3.0 x8 slots
Management	Supports standard management interfaces, such as SNMP and IPMI. Provides management features such as virtual KVM, virtual media, SOL, remote control, and hardware monitoring. Provides independent management network ports and NC-SI management.
Power Supply Units	Two 1200 W hot-swappable AC PSUs, supporting 1+1 redundancy
Power Supply	100 V to 240 V AC; 240 V DC
Fan Modules	4 hot-swappable fan modules in N+1 redundancy
Operating Systems	Ubuntu, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS
Operating Temperature	5°C to 35°C (41°F to 95°F)
Certification	CE, CCC, VCCI and RoHS
Dimensions (H x W x D)	175 mm x 447 mm x 748 mm (6.89 in. x 17.60 in. x 29.45 in.)

TaiShan X6000



TaiShan X6000 Technical Specifications

Form Factor	2U 4-node rack server
Server Nodes	Up to 4 XR320 compute nodes
Power Supply Units	2 x 1500 W enhanced hot-swappable AC PSUs, supporting 1+1 redundancy
Power Supply	100 V to 240 V AC; 240 V DC
Fan Modules	4 hot-swappable fan modules in N+1 redundancy
Operating Temperature	5°C to 35°C (41°F to 95°F)
Certification	CE, CCC and RoHS
Dimensions (H x W x D)	86.1 mm x 436 mm x 805 mm (3.39 in. x 17.17 in. x 31.69 in.)

TaiShan XR320 Technical Specifications

Form Factor	1U half-width 2-socket compute node
Processors	2 Hi1616 processors
Memory	16 DDR4-2400 DIMM slots
Internal Storage	Up to 6 x 2.5-inch SAS/SATA drives or SSDs
RAID	RAID 0, 1, 5, 6, 10, 50, or 60 Supercapacitor for power failure protection
LOM Network Ports	2 x GE electrical ports + 2 x 10GE optical ports
PCIe Expansion	2 PCIe 3.0 x8 slots
Management	Supports standard management interfaces, such as SNMP and IPMI. Provides management features such as virtual KVM, virtual media, SOL, remote control, and hardware monitoring. Provides independent management network ports and NC-SI management.
Operating System	Ubuntu, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS
Operating Temperature	5°C to 35°C (41°F to 95°F)
Certification	CE, CCC and RoHS
Dimensions (H x W x D)	40.5 mm x 177.9 mm x 545.5 mm (1.59 in. x 7.00 in. x 21.48 in.)

For more information

To learn more about Huawei's Servers, contact Huawei sales representatives or business partners, or visit:

<http://e.huawei.com/en/products/cloud-computing-dc/servers>



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