

High-Performance HUAWEI Tecal™ RH1285 Server

— Professional, Concentrated, Technology Leading



Do you want to find a 1U rackmount server with high performance and low cost?

Huawei Tecal RH1285 rackmount server (RH1285) is a high-performance server platform developed by Huawei through years of technology experiences and in-depth analysis on the requirements of customers. The RH1285 can meet the medium or long-term requirements of customers. The RH1285 together with Huawei value-added components can form high-performance solutions to meet the requirements of different customers and applications.

Functions and Features

First-class computing capability and stability

- Support 2 Intel® Xeon® 5500 /5600series processor with INTEL Tylersburg chipset, 12M L3 cache.
- Support up to 12 DDR3 RDIMM/UDIMM memory slots, support maximum 96GB memory.
- Onboard 2 Gigabit Ethernet ports and TOE support.

High-performance storage technology

- Support up to four 3.5-inch hot swappable SATA/SAS hard disks, the maximum capacity is 4TB SATA and 1.4TB SAS.
- The SR100 RAID card supports RAID 0/1/1E.
- The SR200 RAID card supports 256MB high-speed cache and with optional BBU (Battery Backup Unit) for cache data protection. Support RAID 0/1/10/5/6.

Customized high-performance solution

With value-added Huawei components, such as iNIC (intelligent Network Interface Card), solve the bottleneck problem of the network, reduce the customer TCO, and improve the throughput of the server.

Energy-saving features

- Support frequency-lowering function, reduces the system power consumption in the case of low load.
- Adjust the fan rotation speed according to the temperature of key heating components, reduces the power consumption and the noise, and improves the fan reliability.
- 80 plus high- efficiency gold level power module.

Easy to manage and maintain

- Integrated BMC onboard, IPMI 2.0 compliant.
- Independent 10/100M Ethernet management interface.
- SOL, KVM over IP and Virtual media features supported.

Technical Specifications

Item	Category	Description
System	Chassis	(HxWxD): 43.5 mm×448 mm×700 mm, fit into 19 inch Rack
	Power supply	80 plus high- efficiency gold level power module, 110V / 220V AC
	Energy saving	Typical power efficiency is higher than 85%
Board	CPU	1 or 2 Intel® Xeon® 5500 /5600series dual/quad/six-core processors
	Memory	12 DIMM slots, DDR3 2GB/4GB/8GB Support up to 96 GB
	Hard disk	<ul style="list-style-type: none"> Support 4 3.5-inch SAS/SATA hot swap hard disks SR100 RAID card support RAID 0/1/1E SR200 RAID card support RAID0/1/10/5/6 with 256M Cache and optional Battery Backup Unit (BBU)
	Extension	<ul style="list-style-type: none"> one PCIe 8x standard add-in card (Full-Height, Half-Length)
I/O		<ul style="list-style-type: none"> 2 onboard GE ports (RJ-45) ,support PXE and TOE; 1 10/100M Ethernet port for management(RJ45), 1 DB9 series port, 1 DB15 VGA port; 4 USB2.0 ports (2 on front, 2 on rear)
		<ul style="list-style-type: none"> 2 onboard GE ports (RJ-45) ,support PXE and TOE; 1 10/100M Ethernet port for management(RJ45), 1 DB9 series port, 1 DB15 VGA port; 4 USB2.0 ports (2 on front, 2 on rear)
Management	Management	<ul style="list-style-type: none"> Integrated BMC, IPMI 2.0 compliant; Independent 10/100M Ethernet management interface, support CLI; Support Remote KVM and Virtual Media; Management network port default built-in IP, can be changed and configured for DHCP through the BIOS

For more information, you can:

Dial Huawei customer service telephone number 86-755-28560000 or 400830218, or contact Huawei engineers working in local office.

Visit <http://support.huawei.com/support/>.