Huawei Tecal RH2285 Rack Server

Making IT infrastructure more convenient and green

Huawei Tecal RH2285 Rack Server

Huawei Tecal RH2285

Are you seeking a cost-effective and low power consumption server featuring excellent computing capability and large storage capacity?

Huawei Tecal RH2285 is a high-performance large-capacity storage server applying to data mining, electronic album, distributed storage, video surveillance, and virtualization.

High performance and large IO bandwidth

- Supports two Intel® Xeon® 5600 series quad-core or six-core CPUs. The maximum main frequency is 2.93 GHz. Each CPU provides the level-3 caching of 12 MB.

- Supports 12 DDR3 RDIMMs or UDIMMs and provides a maximum memory capacity of 192 GB.

- Provides two GE ports and supports TOE.

Large capacity and high reliability storage

- Supports up to twelve 2.5-inch or 3.5-inch hot-swappable SAS or SATA hard disks to provide a storage capacity of 12 TB (SAS hard disk) or 24 TB (SATA hard disk).

- Support RAID0/1/10/5/50 and support 512 MB cache. The optional BBU is used for power-off protection.

Differentiation and improved performance

- Huawei value-added products such as the SSD card and iNIC help solve the storage and network performance bottleneck and reduce the TCO.

Energy saving and emission reduction

- Adjusts the fan speed based on the key component temperature to reduce the power consumption and noise and improves the fan reliability.

- Supports CPU frequency-lowering to reduce system power consumption in the case of lower load.

- Uses the high-efficient Platinum power modules to save energy and improve the AC/DC power conversion efficiency up to 94%.

Easy management and maintenance

- Integrates the BMC on the main board and complies with the IPMI 2.0 standards.

- Provides independent 10/100 M Ethernet management ports.

- Supports KVM over IP and virtual media.

Technical specifications

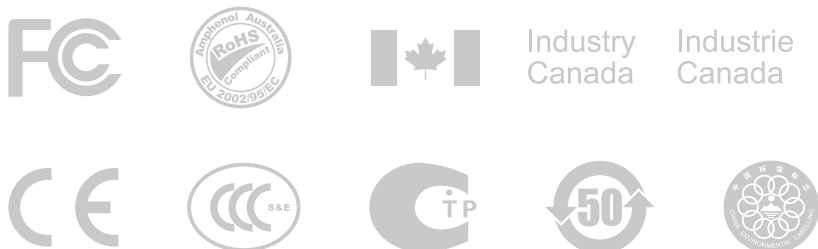| Item	Specifications
Form Factor	2U rack
Power supply	2 hot-plug 750W Platinum power supplies in 1+1 redundancy mode, power conversion efficiency up to 94%
Processor	2 Intel® Xeon® 5600 series quad-core/six-core processors.
Memory	Up to 192 GB (12 DIMM slots): 1GB/2GB/4GB/8GB/16GB DDR3 up to 1333MHz
Hard drive	12 or 8 hot-plug 2.5" /3.5" SAS/SATA hard drives RAID0/1/10/5/50 and 512 MB cache supported with RAID card
Expansion	• 2 standard PCIe x8 or PCIe x4 slots, optional 10GE and FC HBA.
I/O	• Embedded Dual-port Gigabit Ethernet. TOE supported • 4 USB 2.0 ports • One 10/100 MB management network, one DB9 serial port, one DB15 VGA port.
Management	• BMC, IPMI2.0, KVM Over IP, virtual CD-ROM drive compliant • Independent 10/100M out-of-band management network port and CLI management port. • IP address changeable in BIOS for management network port. DHCP mode supported.
Operation System	Microsoft® Windows® Sever 2003 R2 Enterprise Microsoft® Windows Server® 2008 SP2 Microsoft® Windows Server® 2008 R2 Red Hat® Enterprise Linux® Novell® SUSE® Linux® Enterprise Server Vmware® ESX® Oracle® Enterprise Linux® Ubuntu® Server CentOS® Linux® Sun Microsystems® Solaris®

Protocols Compliance:

US / America	FCC CFR47 Part 15 Class A
Canada	ICES-003 Class A

Europe	WEEE :2002/96/EC
	RoHS :2002/95/EC
	REACH: EC 1907/2006
	CE : EN 60950-1:2006 2nd Ed
	    EN 55022:2006 + A1:2007 (Class A)
	    EN 55024:1998 + A1:2001 + A2:2003
	    EN 61000-3-2:2006
	    EN 61000-3-3:1995 +A1:2001 +A2:2005

China	CCC: GB4943-2001; GB9254-2008(CLASS A); GB17625.1-2003 RoHS: SJ/T-11363—2006; SJ/T-11364—2006
Russia	GOST: GOST R IEC60950-1-2009; GOST 26329-84; GOST R 51318.22-2006; GOST R 51318.24-99; GOST R 51317.3.2-2006; GOST R 51317.3.3-2008

For more information, you can:

Dial Huawei customer service telephone number 0086-755-28560000 or 400830218, or contact Huawei engineers working in local offices.

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