

# HUAWEI Tecal RH2488 V2 Rack Server





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HUAWEI TECHNOLOGIES CO., LTD.



# HUAWEI Tecal RH2488 V2 Rack Server

(RH2488 V2)

## Elastic Computing Performance and Large Storage

- Using Intel® Xeon® E7-4800 series processors, RH2488 V2 can be populated with 1, 2, or 4 processors according to the actual application, which provides flexible configuration and cost-effective solution.
- Provides six 3.5-inch HDDs (optional 2.5-inch) with up to 18 TB storage capacity. Supports hardware RAID solutions with a 512 MB cache, ensuring data reliability.



RH2488 V2

## Optimal 4-socket Design in 2U

- Innovative mainboard layout and placement get four processors and 32 DIMMs housed in a standard 2U space.
- Improves deployment density by 100% when compared with a conventional 4U 4-socket rack server using same E7-4800 series processors.

## Flexible Scalability and Simple Maintenance

- 5 PCIe slots supports flexible I/O expansion.
- 32 onboard DIMM slots other than memory daughter cards facilitate memory modules replacement and maintenance as well as the for processors and heat sinks maintenance.

The HUAWEI Tecal RH2488 V2 (RH2488 V2) is a 4-socket rack server. Powered by Intel® Xeon® E7-4800 series processors, it provides up to 40 computing cores and maximum 18TB local storage in 2U space. With elastic computing performance and large storage capacity, the RH2488 V2 can satisfy the requirements of many kinds of applications. It can be used in enterprise database, business intelligence, system simulation, data mining and analysis etc..

## Technical Specifications

Form factor	2U rack server
Number of processors	1, 2, or 4
Processor	Intel® Xeon® E7-4800 series Core options: 6, 8, or 10 L3 cache: up to 30 MB
Memory	32 DDR3 RDIMMs/LRDIMMs, up to 1 TB
Internal storage	6 x 3.5"/2.5" hot-swappable SAS/SATA HDDs or SSDs, up to 18 TB
RAID support	RAID 0, 1, 10, 5, 50, 6, and 60 RAID cache: 512 MB Power-off protection: BBU
LOM network port	2 on-board GE ports, support IOAT and SR-IOV
Expansion slot	Up to 5 PCIe slots: • 3 PCIe 2.0 x 8 • 2 PCIe 2.0 x 4 Or • 1 PCIe 2.0 x 16 • 1 PCIe 2.0 x 8 • 2 PCIe 2.0 x 4
USB port	4 (front: 2, rear: 2)
PSU	2 hot-swappable 1400W AC PSUs, 1+1 redundant 80 PLUS® Gold
Management	Built-in BMC, complies with IPMI 2.0 standard, Supports KVM over IP One 10/100 Mb/s RJ45 management network port
Operating systems supported	Microsoft Windows Server Red Hat Enterprise Linux SUSE Linux Enterprise Server Citrix XenServer VMware
Power supply	110 V/220 V AC
Operating temperature	5°C to 35°C
Dimensions	Height: 89 mm (3.50 in.) Width: 437 mm (17.20 in.) Depth: 709 mm (27.91 in.)