



# Huawei Tecal RH2488 V2 Server Compatibility List

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# About This Document

## Purpose

This document describes the compatibility of HUAWEI Server in terms of its processor, dual in-line memory module (DIMM), hard disk controller, hard disk, operating system (OS), peripheral component interconnect express (PCIe) card, third-party storage device, and certification.

## Intended Audience

This document is intended for:

- Server customers
- Technical support personnel
- Maintenance personnel
- Account managers
- Product managers
- Sales managers

## Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 <b>DANGER</b>	Alerts you to a high risk hazard that could, if not avoided, result in serious injury or death.
 <b>WARNING</b>	Alerts you to a medium or low risk hazard that could, if not avoided, result in moderate or minor injury.
 <b>CAUTION</b>	Alerts you to a potentially hazardous situation that could, if not avoided, result in equipment damage, data loss, performance deterioration, or unanticipated results.
 <b>TIP</b>	Provides a tip that may help you solve a problem or save time.
 <b>NOTE</b>	Provides additional information to emphasize or supplement important points in the main text.

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# Huawei Tecal RH2488 V2 Server

## 1.1 OS

Part Number	Description	Remarks
Windows 2012	Microsoft Windows Sever 2012 64bit	
Windows2008 SP2	Microsoft Windows Sever 2008 SP2 32bit Microsoft Certification URL: ►	
Windows2008 R2 SP1	Microsoft Windows Sever 2008 R2 SP1 64bit Microsoft Certification URL: ►	
RHEL 6U1	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T RedHat Certification URL: ►	
SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T SUSE Certification URL: ►	
Solaris 10U8	Solaris 10 Update 8	
Kylin V3.2.1	Kylin Linux V3.2.1 for AMD64/Intel EM64T	
Kylin V3.0	Kylin Linux V3.0 for AMD64/Intel EM64T	
Rocky V4.2.33	Rocky Linux V4.2.33 for AMD64/Intel EM64T	
Rocky V6.0.1	Rocky Linux V6.0.1 for AMD64/Intel EM64T	
Oracle 6.1	Oracle Enterprise Linux 6.1 Server X86_64	

Debian 6.0.5	Debian V6.0.5 for AMD64/Intel EM64T	
Ubuntu 10.04.3	Ubuntu V10.04.3 for AMD64/Intel EM64T	
Solaris 10U9	Solaris 10 Update 9	

## 1.2 OS Part Number

Part Number	Description	Remarks
05200154	Windows Server 2008R2 Chinese Edition, Standard(1-4CPU, 5 CAL) - Generic OEM COA Lic, 64bit, No DVD, With EULA- No Doc, Without Product Services	
05200132	Windows Server 2008 R2,English Version,Ent,64bit,WinSvr2008 R2 Ent OEM COA Lic,25CAL,Win Svr 2008 R2 Ent DVD,With EULA,No Doc,Without Product Services	
05200127	Windows Server 2008 R2,Chinese,Ent,25CAL,64bit,WinSvr2008 R2 Ent OEM COA Lic,Win Svr 2008 R2 Ent CD,No Doc,Without Product Services	

## 1.3 PCIE-FC HBA Card

Part Number	Vendor of FC HBA card	Model of FC HBA card	Description	OS	Storage	Switch	Remarks
06030220	Qlogic	QLE2562	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length				<i>Compatibility List URL: ▶</i>

06030221	Qlogic	QLE2560	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length	<i>Compatibility List URL: ▶</i>	
06030217	Emulex	LPE12002	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length	<i>Compatibility List URL: ▶</i>	
06030216	Emulex	LPE12000	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length	<i>Compatibility List URL: ▶</i>	

**1.4 PCIE-CNA Card**

Part Number	Vendor of FCOE card	Model of FCOE card	Description	OS	Storage	Switch	Remarks
06030223	Emulex	OCe11102-FM	Dual Port 10Gbps FCoE Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -Half-height half-length	<i>Compatibility List URL: ▶</i>			

**1.5 PCIE-InfiniBand Card**

Part Number	Vendor of IB card	Model of IB card	Description	OS	Storage	Switch	Remarks
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				Please Insert link 1 (Vendor)	
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### 1.6 PCIE-Network card

Part Number	Vendor of Network card	Model of Network card	Description	OS	Remarks
06310023	Intel	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, CIE 2.0 X4 -Half-height half-length		
06310025	Intel	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length		
06310024	Intel	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length		
06310026	Intel	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length		

### 1.7 PCIE-SSD Card

Part Number	Vendor of SSD card	Model of SSD card	Description	OS	Remarks

### 1.8 PCIE-GPU Card

Part Number	Vendor of GPU card	model of GPU card	Description	OS	Remarks
06320030	Nvidia	NVS 300	Video Card,GPU Card,512MB DDR3,64bit, 12.6GB/sec;PCIex16, 15.1W,Passive Cooling, Low profile, 2.731"(H) x 5.7"(L)	Solaris 10 update 9 32bit; Ubuntu V10.04.3 for AMD64/Intel EM64T 32bit	

### 1.9 FC/Network MEZZ Card

Note: RH2488 V2 not support FC/Network MEZZ Card.

### 1.10 Virtualization software

Model	Description	Remarks
RHEL 6.1 KVM	KVM of Red Hat Enterprise Linux 6.1 Update 1 Server for x86/Intel EM64T RedHat Certification URL: ▶	
Citrix 5.6	Citrix XenServer 5.6.0 Citrix Certification URL: ▶	
Citrix 6.0	Citrix XenServer 6.0.0 Citrix Certification URL: ▶	
Vmware 4.1	Vmware ESX 4.1.0	
Vmware 4.1	Vmware ESXi 4.1.0	
Vmware 5.0	Vmware ESXi 5.0.0	
Galax OS	GalaX8800V1R2C01	
Galax OS	GalaxEngineV1R2C02	

### 1.11 Application software

Part Number	OS	Vendor of Software	Software	Remarks

### 1.12 Database

Part Number	Vendor of Software	Software	OS	Cluster	Server	Remarks

### 1.13 Management Software

Part Number	Vendor of Software	Software	OS	Cluster	Server	Remarks

### 1.14 Processor

Part Number	Description	Remarks
41020286	Intel Xeon Processor E7-4870 Westmere-EX - 10 Core - 2.40GHz - QPI 6.40GT/s - L3 Cache 8MB – 1066MHz-130W	
41020268	Intel Xeon Processor E7-4860 Westmere-EX - 10 Core - 2.26GHz - QPI 6.40GT/s - L3 Cache 8MB – 1066MHz-130W	
41020285	Intel Xeon Processor E7-4850 Westmere-EX - 10 Core - 2.00GHz - QPI 6.40GT/s - L3 Cache 8MB – 1066MHz-130W	
41020287	Intel Xeon Processor E7-4830 Westmere-EX - 8 Core - 2.13GHz - QPI 6.40GT/s - L3 Cache 8MB – 1066MHz-105W	
41020288	Intel Xeon Processor E7-4820 Westmere-EX - 8 Core - 2.00GHz - QPI 5.86GT/s - L3 Cache 8MB – 1066MHz-105W	

41020289	Intel Xeon Processor E7-4807 Westmere-EX - 6 Core – 1.86GHz - QPI 4.80GT/s - L3 Cache 8MB -800MHz- 95W	
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### 1.15 DIMM

Part Number	Description	Remarks
06200110	DDR3 RDIMM-4GB-2Rx8 2Gbit- LV 1.35V 1333-Height 30mm	
06200111	DDR3 RDIMM-8GB-2Rx4 2Gbit- LV 1.35V 1333-Height 30mm	
06200107	DDR3 RDIMM-16GB-2Rx4 4Gbit- LV 1.35V 1333-Height 30mm	
06200121	DDR3 RDIMM-16GB-2Rx4 4Gbit- 1.5V 1600-Height 30mm	

### 1.16 Hard Disk Controller

Part Number	Description	Remarks
06410178	Server Raid Controller- SAS 6G/SATA 6G - Cache 512MB - RAID0 / RAID1 / RAID10 / RAID5 / RAID6 / RAID50 / RAID60	

### 1.17 Hard Disk

Part Number	Description	Remarks
06210132	15000 RPM - 3.5' SAS 6Gbps -300GB HDD	
06210147	15000 RPM - 3.5' SAS 6Gbps -600GB HDD	
06210160	7200 RPM - 3.5' SATA 6Gbps -500GB HDD	

06210131	7200 RPM - 3.5' SATA 3Gbps -1000GB HDD	
06210158	7200 RPM - 3.5' SATA 6Gbps -1000GB HDD	
06210143	7200 RPM - 3.5' SATA 3Gbps -2000GB HDD	
06210159	7200 RPM - 3.5' SATA 6Gbps -2000GB HDD	
06210176	7200 RPM - 3.5' SATA 6Gbps -3000GB HDD	
06210183	7200 RPM - 3.5' NL SAS 6Gbps -1000GB HDD	
06210182	7200 RPM - 3.5' NL SAS 6Gbps -2000GB HDD	
06210184	7200 RPM - 3.5' NL SAS 6Gbps -3000GB HDD	

### 1.18 Power Supply

Part Number	Description	Remarks
06410170	AC/DC Power Module 1400W 180V-240V /7.2~9.5A +12V/117A 92.0% Gold	

### 1.19 Certification

No.	Country/Region	Certification	Standards
1.	China	RoHS	SJ/T 11363—2006 SJ/T 11364—2006 GB/T 26572—2011
2.	China	China Environmental Labeling	GB/T24024:2001 idt ISO14024:1999 HJ 2507-2011
3.	Europe	RoHS	2002/95/EC
4.	Europe	REACH	EC 1907/2006
5.	Europe	WEEE	2002/96/EC

6.	Europe	CE	<p>Safety: IEC 60950-1:2005 (2nd Edition) + A1:2009 and/or EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011</p> <p>EMC: EN 55022:2010 CISPR 22:2008 EN 55024:2010 CISPR 24:2010 ETSI EN 300 386 V1.5.1:2010 ETSI ES 201 468 V1.3.1:2005 IEC61000-3-2:2005+A1:2008+A2:2009/EN 61000-3-2:2006+A1:2009+A2:2009 IEC 61000-3-3:2008/EN 61000-3-3:2008</p>
7.	Turkey	CE	<p>Safety: IEC 60950-1:2005 (2nd Edition) + A1:2009 and/or EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011</p> <p>EMC: EN 55022:2010 CISPR 22:2008 EN 55024:2010 CISPR 24:2010 ETSI EN 300 386 V1.5.1:2010 ETSI ES 201 468 V1.3.1:2005 IEC61000-3-2:2005+A1:2008+A2:2009/EN 61000-3-2:2006+A1:2009+A2:2009 IEC 61000-3-3:2008/EN 61000-3-3:2008</p>
8.	America	80 Plus	N/A
9.	Australia	C-tick	AS/NZS CISPR 22:2009

Certificate [download](#) [link](#) : [http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f\\_id=SV12081526330077](http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=SV12081526330077)