Huawei Tecal RH5885 V2 Server Compatibility List

Version   2.12

Date   2012-12-28

Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base

             Bantian, Longgang

             Shenzhen 518129

             People's Republic of China

Website: http://www.Huawei.com

Email: support@Huawei.com

1 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
⚠ DANGER	Alerts you to a high risk hazard that could, if not avoided, result in serious injury or death.
⚠ WARNING	Alerts you to a medium or low risk hazard that could, if not avoided, result in moderate or minor injury.
⚠ CAUTION	Alerts you to a potentially hazardous situation that could, if not avoided, result in equipment damage, data loss, performance deterioration, or unanticipated results.
☞ TIP	Provides a tip that may help you solve a problem or save time.
📖 NOTE	Provides additional information to emphasize or supplement important points in the main text.

2 Contents

3 Huawei Tecal RH5885 V2 Server

3.1 OS

Model	Description	Remarks
Windows 2012	Microsoft Windows Sever 2012 Microsoft Certification URL: ▸	
Windows2008 R2 64bit	Microsoft Windows Sever 2008 R2 64bit Microsoft Certification URL: ▸	
RHEL 6	Red Hat Enterprise Linux 6 Server for x86/Intel EM64T	
RHEL 6U1	Red Hat Enterprise Linux 6. Update 1 Server for x86/Intel EM64T RedHat Certification URL: ▸	
RHEL 6U3	Red Hat Enterprise Linux 6. Update 3 Server for x86/Intel EM64T	
RHEL 5U6	Red Hat Enterprise Linux 5. Update 6 Server for x86/Intel EM64T RedHat Certification URL: ▸	
RHEL 5U8	Red Hat Enterprise Linux 5. Update 8 Server for x86/Intel EM64T	
SLES 11.1	SUSE Linux Enterprise Server 11 Service Pack 1 for x86/Intel EM64T SUSE Certification URL: ▸ and ▸	
SLES 11.2	SUSE Linux Enterprise Server 11 Service Pack 2 for x86/Intel EM64T	
OREL 6.1	Oracle Linux 6. Update 1 Server for x86/Intel EM64T	
CentOS 6.3	CentOS Linux 6. Update 3 Server for x86/Intel EM64T	
Solaris 11	Solaris 11 for x86	
Kylin3.2	Kylin3.2 for x86_64	

KylinV5.0	KylinV5.0 for x86_64	
Rocky6.0.3	Rocky6.0.3 for amd64	
RedFlag4.0	RedFlag4.0	

3.2 OS Part Number

Part Number	Description	Remarks
05200154	Windows Server 2008R2 Chinese Edition, Standard(1-4CPU, 5CAL) - 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	

3.3 PCIE-FC HBA Card

Part Number	Vendor of FC HBA card	Model of FC HBA card	Description	OS	Storage	Switch	Remarks
02310MTU	Qlogic	QLE2562	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ▶			

02310MTT	Qlogic	QLE2560	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ▸	
02310MTW	Emule x	LPE12002	Dual Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ▸	
02310PCR	Emule x	LPE12000	Single Port 8Gbps Fibre Channel Host Bus Adapter Card -PCIE 2.0 x8 -multi-mode optic -DLC -Half-height half-length	*Compatibility List URL:* ▸	

3.4　PCIE-CNA Card

Part Number	Vendor of FCOE card	Model of FCOE card	Description	OS	Storage	Switch	Remarks
				Please Insert link 1 （Vendor）			

3.5　PCIE-InfiniBand Card

Part Number	Vendor of IB card	Model of IB card	Description	OS	Storage	Switch	Remarks
				Please Insert link 1 （Vendor）			

3.6　PCIE-Network card

Part Number	Vendor of Network card	Model of Network card	Description	OS	Remarks
02310MTS	Intel	82576	Dual Port Gigabit Ethernet Server Adapter,RJ45 Copper, CIE 2.0 X4 -Half-height half-length		
02310MTQ	Intel	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length		
02310MTN	Intel	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length		
02310MTJ	Intel	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length		
02310PCT	silicom	82576	Dual Port Gigabit Ethernet Card,RJ45 Copper, PCIE 2.0 X4 -Half-height half-length		

02310PSQ	silicom	82599	Dual Port 10 Gigabit Ethernet Server Adapter,SFP+ Direct Attach Copper,PCIE 2.0 X8 -Half-height half-length		
02310PSR	silicom	82580	Quad Port Gigabit Ethernet Card,RJ45 Copper,PCIE 2.0 X4 -Half-height half-length		
02310PST	silicom	82599	Dual Port 10 Gigabit Ethernet Server Adapter,LC Fiber Optic, PCIE 2.0 X8 -Half-height half-length		
02310PSU	Intel	I-350	Quad Port Gigabit-LC Fiber Optic,PCIE 2.0 X4 -Half-height half-length		

3.7 PCIE-SSD Card

Part Number	Vendor of SSD card	Model of SSD card	Description	OS	Remarks
02310PCQ	Huawei	SSD	The 3rd Generation PCIE SSD Card 640GB 25nm PCIE 1.1 X8		

Copyright © Huawei Technologies Co., Ltd

3.8 PCIE-GPU Card

Part Number	Vendor of GPU card	model of GPU card	Description	OS	Remarks

3.9 FC MEZZ Card

Part Number	Vendor of FC MEZZ card	Model of FC MEZZ card	Description	OS	Storage	Switch	Remarks
				Please Insert link 1 （Vendor）			

3.10 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: ▸	
Oracle VM 3.0.2	Oracle Server VM 3.0.2	
Citrix 6.0	Citrix XenServer 6.0.0	
Vmware 4.1	Vmware ESXi 4.1.0 Vmware Certification URL: ▸	
Vmware 5.0	Vmware ESXi 5.0.0 Vmware Certification URL: ▸	
Windows 2012 Hyper-V	Windows 2012 Hyper-V	
UVP	UVP V100R001C03	

Copyright © Huawei Technologies Co., Ltd

3.11 Application software

Type of Software	Software	CPU	OS	Remarks
SAP Linux	ERP2005SR1	Up to 4 Intel® XeonTM processors All types are supported	Red Hat Enterprise Linux SUSE Linux Enterprise Server	Detail URL：▶

3.12 Database

Part Number	Vendor of Software	Software	OS	Cluster	Server	Remarks
		Oracle10g	RHEL5.8 x64			
		Oracle11.2	RHEL6.1 x64			

3.13 Management Software

Part Number	Vendor of Software	Software	OS	Cluster	Server	Remarks

3.14 Processor

Part Number	Description	Remarks
41020286	Intel Xeon Processor E7-4870 Westmere-EX - 10 Core - 2.40GHz - QPI 6.40GT/s - L3 Cache 30MB - 130W	
41020268	Intel Xeon Processor E7-4860 Westmere-EX - 10 Core - 2.26GHz - QPI 6.40GT/s - L3 Cache 24MB - 130W	

41020285	Intel Xeon Processor E7-4850 Westmere-EX - 10 Core - 2.00GHz - QPI 6.40GT/s - L3 Cache 24MB - 130W	
41020287	Intel Xeon Processor E7-4830 Westmere-EX - 8 Core - 2.13GHz - QPI 6.40GT/s - L3 Cache 24MB - 105W	
41020288	Intel Xeon Processor E7-4820 Westmere-EX - 8 Core - 2.00GHz - QPI 5.86GT/s - L3 Cache 18MB - 105W	
41020289	Intel Xeon Processor E7-4807 Westmere-EX - 6 Core – 1.86GHz - QPI 4.80GT/s - L3 Cache 18MB - 95W	
41020359	Intel Xeon Processor E7-8860 Westmere-EX - 10 Core – 2.26GHz - QPI 6.40GT/s – L3 Cache 24MB - 130W	
41020362	Intel Xeon Processor E7-8867L Westmere-EX - 10 Core – 2.13GHz - QPI 6.40GT/s – L3 Cache 30MB - 105W	
41020327	Intel Xeon Processor E7-8870 Westmere-EX - 10 Core – 2.40GHz - QPI 6.40GT/s – L3 Cache 30MB - 130W	

3.15 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	

3.16 Hard Disk Controller

Part Number	Description	Remarks

Copyright © Huawei Technologies Co., Ltd

| 02310MTX | Eight-Port 6Gb/s PCI Express SATA and SAS RAID Controller-PCIE 2.0 X8 - Cache 1GB - RAID0 / RAID1 / RAID10 / RAID5 / RAID50 / RAID6 / RAID60 | |

3.17 Hard Disk

Part Number	Description	Remarks
02310KPR	10000 RPM - 2.5' SAS 6Gbps - 300GB HDD	
02310KPU	10000 RPM - 2.5' SAS 6Gbps - 600GB HDD	
02310LYS	10000 RPM - 2.5' SAS 6Gbps - 900GB HDD	
02310LHE	15000 RPM - 2.5' SAS 6Gbps - 146GB HDD	
02310MMV	15000 RPM - 2.5' SAS 6Gbps - 300GB HDD	
02310LBB	7200 RPM - 2.5' SATA 6Gbps - 500GB HDD	
02310LAY	7200 RPM - 2.5' SATA 6Gbps – 1000GB HDD	
02310MLB	7200 RPM - 2.5' NL SAS 6Gbps - 1000G HDD	
02310KSX	MLC -2.5' SATA 3Gbps - 160GB SSD	
02310LTB	MLC -2.5' SATA 3Gbps - 300GB SSD	
02310MMS	MLC -2.5' SATA 3Gbps - 600GB SSD	

3.18 Power Supply

Part Number	Description	Remarks
02310KEU	AC/DC Power Module 3000W 100V-240V/12.5A +12.3V/243.9A 94.0% Platinum	

3.19 Certification

No.	Country/Region	Certification	Standards

1.	China	RoHS	SJ/T 11363—2006 SJ/T 11364—2006 GB/T 26572—2011
2.	China	CCC	GB4943-2001 GB9254-2008(Class A) GB17625.1-2003
3.	China	China Environmental Labeling	GB/T24024:2001 idt ISO14024:1999 HJ 2507-2011
4.	Europe	RoHS	2002/95/EC
5.	Europe	REACH	EC 1907/2006
6.	Europe	WEEE	2002/96/EC
7.	Europe	CE	Safety: IEC 60950-1:2005 (2nd Edition) + A1:2009 and/or EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 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
8.	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

9.	Turkey	CE	Safety: IEC 60950-1:2005 (2nd Edition) + A1:2009 and/or EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 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
10.	America	FCC	FCC CFR47 Part 15:2005 Class A
11.	America	Energy Star	ENERGY STAR® Program Requirements for Computer Servers Eligibility Criteria V1.1
12.	Canada	IC	ICES-003:2004 Class A
13.	Australia	C-tick	AS/NZS CISPR 22:2009
14.	Japan	VCCI	VCCI V-3:2012
15.	Kingdom of Saudi Arabia (KSA)	SASO	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011
16.	Nigeria	SONCAP	IEC 60950-1: 2005 (2nd Edition) + A1:2009 EN 60950-1:2006+A11:2009+A1:2010 + A12:2011

Certificate   download   link   :

http://3ms.huawei.com/mm/docMaintain/mmMaintain.do?method=showMMDetail&f_id=SV12081526330077